Dang Wang

List of Publications by Year in Descending Order

69 papers	2,090 citations	28 h-index	43 g-index
76 ext. papers	2,717 ext. citations	5.1 avg, IF	4.79 L-index

#	Paper	IF	Citations
69	SARS-CoV-2 nsp5 Exhibits Stronger Catalytic Activity and Interferon Antagonism than Its SARS-CoV Ortholog.. *Journal of Virology*, **2022**, e0003722	6.6	3
68	Norovirus 3C-Like protease antagonizes interferon-β production by cleaving NEMO.. *Virology*, **2022**, 571, 12-20	3.6	0
67	Porcine Deltacoronavirus nsp5 Cleaves DCP1A To Decrease Its Antiviral Activity. *Journal of Virology*, **2020**, 94,	6.6	7
66	Porcine reproductive and respiratory syndrome virus infection promotes C1QBP secretion to enhance inflammatory responses. *Veterinary Microbiology*, **2020**, 241, 108563	3.3	3
65	Rapid manipulation of the porcine epidemic diarrhea virus genome by CRISPR/Cas9 technology. *Journal of Virological Methods*, **2020**, 276, 113772	2.6	11
64	Porcine reproductive and respiratory syndrome virus infection induces endoplasmic reticulum stress, facilitates virus replication, and contributes to autophagy and apoptosis. *Scientific Reports*, **2020**, 10, 13131	4.9	5
63	Characterization of Self-Processing Activities and Substrate Specificities of Porcine Torovirus 3C-Like Protease. *Journal of Virology*, **2020**, 94,	6.6	1
62	Cross-Species Transmission of Deltacoronavirus and the Origin of Porcine Deltacoronavirus. *Evolutionary Applications*, **2020**, 13, 2246	4.8	10
61	Porcine deltacoronavirus nucleocapsid protein antagonizes IFN-β production by impairing dsRNA and PACT binding to RIG-I. *Virus Genes*, **2019**, 55, 520-531	2.3	19
60	Susceptibility of porcine IPI-2I intestinal epithelial cells to infection with swine enteric coronaviruses. *Veterinary Microbiology*, **2019**, 233, 21-27	3.3	15
59	Porcine Reproductive and Respiratory Syndrome Virus nsp11 Antagonizes Type I Interferon Signaling by Targeting IRF9. *Journal of Virology*, **2019**, 93,	6.6	21
58	Arterivirus nsp4 Antagonizes Interferon Beta Production by Proteolytically Cleaving NEMO at Multiple Sites. *Journal of Virology*, **2019**, 93,	6.6	15
57	Evolutionary and genotypic analyses of global porcine epidemic diarrhea virus strains. *Transboundary and Emerging Diseases*, **2019**, 66, 111-118	4.2	38
56	Porcine Reproductive and Respiratory Syndrome Virus E Protein Degrades Porcine Cholesterol 25-Hydroxylase via the Ubiquitin-Proteasome Pathway. *Journal of Virology*, **2019**, 93,	6.6	7
55	Porcine deltacoronavirus nsp15 antagonizes interferon-β production independently of its endoribonuclease activity. *Molecular Immunology*, **2019**, 114, 100-107	4.3	29
54	Quantitative Proteomic Analyses of a Pathogenic Strain and Its Highly Passaged Attenuated Strain of. *BioMed Research International*, **2019**, 2019, 4165735	3	4
53	Identification of novel proteolytically inactive mutations in coronavirus 3C-like protease using a combined approach. *FASEB Journal*, **2019**, 33, 14575-14587	0.9	32

52	Proteome analysis of differential protein expression in porcine alveolar macrophages regulated by porcine reproductive and respiratory syndrome virus nsp1protein. *Virus Genes*, **2018**, 54, 385-396	2.3	0
51	Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. *Emerging Microbes and Infections*, **2018**, 7, 65	18.9	38
50	Development and application of a recombination-based library versus library high- throughput yeast two-hybrid (RLL-Y2H) screening system. *Nucleic Acids Research*, **2018**, 46, e17	20.1	12
49	Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. *Pharmaceutical Research*, **2018**, 35, 105	4.5	6
48	Foot-and-Mouth Disease Virus Counteracts on Internal Ribosome Entry Site Suppression by G3BP1 and Inhibits G3BP1-Mediated Stress Granule Assembly Post-Translational Mechanisms. *Frontiers in Immunology*, **2018**, 9, 1142	8.4	23
47	Porcine Reproductive and Respiratory Syndrome Virus Infection Induces both eIF2 Phosphorylation-Dependent and -Independent Host Translation Shutoff. *Journal of Virology*, **2018**, 92,	6.6	12
46	Exosomes Mediate Intercellular Transmission of Porcine Reproductive and Respiratory Syndrome Virus. *Journal of Virology*, **2018**, 92,	6.6	32
45	Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 4 Cleaves Porcine DCP1a To Attenuate Its Antiviral Activity. *Journal of Immunology*, **2018**, 201, 2345-2353	5.3	12
44	Porcine Deltacoronavirus Accessory Protein NS6 Antagonizes Interferon Beta Production by Interfering with the Binding of RIG-I/MDA5 to Double-Stranded RNA. *Journal of Virology*, **2018**, 92,	6.6	47
43	Global analysis of ubiquitome in PRRSV-infected pulmonary alveolar macrophages. *Journal of Proteomics*, **2018**, 184, 16-24	3.9	10
42	Porcine Deltacoronavirus nsp5 Antagonizes Type I Interferon Signaling by Cleaving STAT2. *Journal of Virology*, **2017**, 91,	6.6	76
41	Transmissible gastroenteritis virus infection induces NF-B activation through RLR-mediated signaling. *Virology*, **2017**, 507, 170-178	3.6	33
40	Assessing activity of Hepatitis A virus 3C protease using a cyclized luciferase-based biosensor. *Biochemical and Biophysical Research Communications*, **2017**, 488, 621-627	3.4	10
39	Porcine deltacoronavirus nsp5 inhibits interferon-production through the cleavage of NEMO. *Virology*, **2017**, 502, 33-38	3.6	63
38	Cholesterol 25-Hydroxylase Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication through Enzyme Activity-Dependent and -Independent Mechanisms. *Journal of Virology* , **2017**, 91,	6.6	45
37	Porcine Reproductive and Respiratory Syndrome Virus nsp1inhibits NF-B Activation by Targeting the Linear Ubiquitin Chain Assembly Complex. *Journal of Virology*, **2017**, 91,	6.6	23
36	Porcine Reproductive and Respiratory Syndrome Virus Infection Induces Stress Granule Formation Depending on Protein Kinase R-like Endoplasmic Reticulum Kinase (PERK) in MARC-145 Cells. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 111	5.9	14
35	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. *Frontiers in Immunology*, **2017**, 8, 940	8.4	28

34	DExD/H-Box Helicase 36 Signaling Myeloid Differentiation Primary Response Gene 88 Contributes to NF-B Activation to Type 2 Porcine Reproductive and Respiratory Syndrome Virus Infection. *Frontiers in Immunology*, **2017**, 8, 1365	8.4	15
33	The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN- antagonizing mechanism: attenuation of PACT-mediated RIG-I/ MDA5 activation. *Oncotarget*, **2017**, 8, 49655-49670	3.3	39
32	Molecular cloning and functional characterization of porcine E74-like factor 4 (ELF4). *Developmental and Comparative Immunology*, **2016**, 65, 149-158	3.2	2
31	Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. *Veterinary Microbiology*, **2016**, 196, 98-106	3.3	68
30	Porcine epidemic diarrhea in China. *Virus Research*, **2016**, 226, 7-13	6.4	114
29	Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. *Journal of Virology*, **2016**, 90, 2090-101	6.6	97
28	A Dimerization-Dependent Mechanism Drives the Endoribonuclease Function of Porcine Reproductive and Respiratory Syndrome Virus nsp11. *Journal of Virology*, **2016**, 90, 4579-4592	6.6	24
27	Quantitative interactome reveals that porcine reproductive and respiratory syndrome virus nonstructural protein 2 forms a complex with viral nucleocapsid protein and cellular vimentin. *Journal of Proteomics*, **2016**, 142, 70-81	3.9	23
26	Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon- production. *Virology*, **2016**, 495, 10-7	3.6	39
25	Identification and subcellular localization of porcine deltacoronavirus accessory protein NS6. *Virology*, **2016**, 499, 170-177	3.6	29
24	SILAC-based quantitative proteomic analysis of secretome of Marc-145 cells infected with porcine reproductive and respiratory syndrome virus. *Proteomics*, **2016**, 16, 2678-2687	4.8	7
23	Ubiquitin-specific Protease 15 Negatively Regulates Virus-induced Type I Interferon Signaling via Catalytically-dependent and -independent Mechanisms. *Scientific Reports*, **2015**, 5, 11220	4.9	39
22	Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. *Virology*, **2015**, 485, 414-21	3.6	23
21	The nonstructural protein 11 of porcine reproductive and respiratory syndrome virus inhibits NF-B signaling by means of its deubiquitinating activity. *Molecular Immunology*, **2015**, 68, 357-66	4.3	26
20	Crystal structural basis for Rv0315, an immunostimulatory antigen and inactive beta-1,3-glucanase of Mycobacterium tuberculosis. *Scientific Reports*, **2015**, 5, 15073	4.9	7
19	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. *Antiviral Research*, **2015**, 120, 122-5	10.8	44
18	Mycobacterium tuberculosis Rv2185c contributes to nuclear factor-B activation. *Molecular Immunology*, **2015**, 66, 147-53	4.3	8
17	Porcine reproductive and respiratory syndrome virus 3C protease cleaves the mitochondrial antiviral signalling complex to antagonize IFN- expression. *Journal of General Virology*, **2015**, 96, 3049-3058	4.9	26

16	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. *Virology*, **2014**, 468-470, 1-9	3.6	28
15	Molecular cloning and functional characterization of porcine DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41). *Developmental and Comparative Immunology*, **2014**, 47, 191-6	3.2	19
14	A novel firefly luciferase biosensor enhances the detection of apoptosis induced by ESAT-6 family proteins of Mycobacterium tuberculosis. *Biochemical and Biophysical Research Communications*, **2014**, 452, 1046-53	3.4	12
13	Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. *Biochemical and Biophysical Research Communications*, **2014**, 443, 1169-75	3.4	11
12	Hepatitis A virus 3C protease cleaves NEMO to impair induction of beta interferon. *Journal of Virology*, **2014**, 88, 10252-8	6.6	63
11	Porcine reproductive and respiratory syndrome virus infection activates NOD2-RIP2 signal pathway in MARC-145 cells. *Virology*, **2014**, 458-459, 162-71	3.6	25
10	Porcine reproductive and respiratory syndrome virus induces IL-1 production depending on TLR4/MyD88 pathway and NLRP3 inflammasome in primary porcine alveolar macrophages. *Mediators of Inflammation*, **2014**, 2014, 403515	4.3	54
9	Porcine epidemic diarrhea virus nucleocapsid protein antagonizes beta interferon production by sequestering the interaction between IRF3 and TBK1. *Journal of Virology*, **2014**, 88, 8936-45	6.6	126
8	MiR-125b reduces porcine reproductive and respiratory syndrome virus replication by negatively regulating the NF-B pathway. *PLoS ONE*, **2013**, 8, e55838	3.7	63
7	Foot-and-mouth disease virus 3C protease cleaves NEMO to impair innate immune signaling. *Journal of Virology*, **2012**, 86, 9311-22	6.6	110
6	Molecular cloning of the porcine RANTES promoter: functional characterization of dsDNA/dsRNA response elements in PK-15 cells. *Developmental and Comparative Immunology*, **2011**, 35, 345-51	3.2	1
5	Molecular cloning, expression and antiviral activity of porcine interleukin-29 (poIL-29). *Developmental and Comparative Immunology*, **2011**, 35, 378-84	3.2	18
4	The leader proteinase of foot-and-mouth disease virus negatively regulates the type I interferon pathway by acting as a viral deubiquitinase. *Journal of Virology*, **2011**, 85, 3758-66	6.6	142
3	Foot-and-mouth disease virus (FMDV) leader proteinase negatively regulates the porcine interferon- pathway. *Molecular Immunology*, **2011**, 49, 407-12	4.3	35
2	Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced RANTES transcription in PK-15 cells. *Virus Genes*, **2011**, 42, 388-93	2.3	16
1	Molecular cloning and functional characterization of porcine IFN-beta promoter stimulator 1 (IPS-1). *Veterinary Immunology and Immunopathology*, **2008**, 125, 344-53	2	30