

# Dang Wang

## List of Publications by Citations

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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	The leader proteinase of foot-and-mouth disease virus negatively regulates the type I interferon pathway by acting as a viral deubiquitinase. <i>Journal of Virology</i> , <b>2011</b> , 85, 3758-66	6.6	142
68	Porcine epidemic diarrhea virus nucleocapsid protein antagonizes beta interferon production by sequestering the interaction between IRF3 and TBK1. <i>Journal of Virology</i> , <b>2014</b> , 88, 8936-45	6.6	126
67	Porcine epidemic diarrhea in China. <i>Virus Research</i> , <b>2016</b> , 226, 7-13	6.4	114
66	Foot-and-mouth disease virus 3C protease cleaves NEMO to impair innate immune signaling. <i>Journal of Virology</i> , <b>2012</b> , 86, 9311-22	6.6	110
65	Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. <i>Journal of Virology</i> , <b>2016</b> , 90, 2090-101	6.6	97
64	Porcine Deltacoronavirus nsp5 Antagonizes Type I Interferon Signaling by Cleaving STAT2. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	76
63	Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. <i>Veterinary Microbiology</i> , <b>2016</b> , 196, 98-106	3.3	68
62	Porcine deltacoronavirus nsp5 inhibits interferon- $\beta$ production through the cleavage of NEMO. <i>Virology</i> , <b>2017</b> , 502, 33-38	3.6	63
61	Hepatitis A virus 3C protease cleaves NEMO to impair induction of beta interferon. <i>Journal of Virology</i> , <b>2014</b> , 88, 10252-8	6.6	63
60	MiR-125b reduces porcine reproductive and respiratory syndrome virus replication by negatively regulating the NF- $\kappa$ B pathway. <i>PLoS ONE</i> , <b>2013</b> , 8, e55838	3.7	63
59	Porcine reproductive and respiratory syndrome virus induces IL-1 $\beta$ production depending on TLR4/MyD88 pathway and NLRP3 inflammasome in primary porcine alveolar macrophages. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 403515	4.3	54
58	Porcine Deltacoronavirus Accessory Protein NS6 Antagonizes Interferon Beta Production by Interfering with the Binding of RIG-I/MDA5 to Double-Stranded RNA. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	47
57	Cholesterol 25-Hydroxylase Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication through Enzyme Activity-Dependent and -Independent Mechanisms. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	45
56	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. <i>Antiviral Research</i> , <b>2015</b> , 120, 122-5	10.8	44
55	Ubiquitin-specific Protease 15 Negatively Regulates Virus-induced Type I Interferon Signaling via Catalytically-dependent and -independent Mechanisms. <i>Scientific Reports</i> , <b>2015</b> , 5, 11220	4.9	39
54	The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN- $\beta$ antagonizing mechanism: attenuation of PACT-mediated RIG-I/MDA5 activation. <i>Oncotarget</i> , <b>2017</b> , 8, 49655-49670	3.3	39
53	Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon- $\beta$ production. <i>Virology</i> , <b>2016</b> , 495, 10-7	3.6	39

52	Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. <i>Emerging Microbes and Infections</i> , <b>2018</b> , 7, 65	18.9	38
51	Evolutionary and genotypic analyses of global porcine epidemic diarrhea virus strains. <i>Transboundary and Emerging Diseases</i> , <b>2019</b> , 66, 111-118	4.2	38
50	Foot-and-mouth disease virus (FMDV) leader proteinase negatively regulates the porcine interferon- $\beta$ pathway. <i>Molecular Immunology</i> , <b>2011</b> , 49, 407-12	4.3	35
49	Transmissible gastroenteritis virus infection induces NF- $\kappa$ B activation through RLR-mediated signaling. <i>Virology</i> , <b>2017</b> , 507, 170-178	3.6	33
48	Identification of novel proteolytically inactive mutations in coronavirus 3C-like protease using a combined approach. <i>FASEB Journal</i> , <b>2019</b> , 33, 14575-14587	0.9	32
47	Exosomes Mediate Intercellular Transmission of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	32
46	Molecular cloning and functional characterization of porcine IFN-beta promoter stimulator 1 (IPS-1). <i>Veterinary Immunology and Immunopathology</i> , <b>2008</b> , 125, 344-53	2	30
45	Porcine deltacoronavirus nsp15 antagonizes interferon- $\beta$ production independently of its endoribonuclease activity. <i>Molecular Immunology</i> , <b>2019</b> , 114, 100-107	4.3	29
44	Identification and subcellular localization of porcine deltacoronavirus accessory protein NS6. <i>Virology</i> , <b>2016</b> , 499, 170-177	3.6	29
43	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. <i>Virology</i> , <b>2014</b> , 468-470, 1-9	3.6	28
42	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 940	8.4	28
41	The nonstructural protein 11 of porcine reproductive and respiratory syndrome virus inhibits NF- $\kappa$ B signaling by means of its deubiquitinating activity. <i>Molecular Immunology</i> , <b>2015</b> , 68, 357-66	4.3	26
40	Porcine reproductive and respiratory syndrome virus 3C protease cleaves the mitochondrial antiviral signalling complex to antagonize IFN- $\beta$ expression. <i>Journal of General Virology</i> , <b>2015</b> , 96, 3049-3058	4.9	26
39	Porcine reproductive and respiratory syndrome virus infection activates NOD2-RIP2 signal pathway in MARC-145 cells. <i>Virology</i> , <b>2014</b> , 458-459, 162-71	3.6	25
38	A Dimerization-Dependent Mechanism Drives the Endoribonuclease Function of Porcine Reproductive and Respiratory Syndrome Virus nsp11. <i>Journal of Virology</i> , <b>2016</b> , 90, 4579-4592	6.6	24
37	Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. <i>Virology</i> , <b>2015</b> , 485, 414-21	3.6	23
36	Foot-and-Mouth Disease Virus Counteracts on Internal Ribosome Entry Site Suppression by G3BP1 and Inhibits G3BP1-Mediated Stress Granule Assembly Post-Translational Mechanisms. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1142	8.4	23
35	Porcine Reproductive and Respiratory Syndrome Virus nsp1 Inhibits NF- $\kappa$ B Activation by Targeting the Linear Ubiquitin Chain Assembly Complex. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	23

34	Quantitative interactome reveals that porcine reproductive and respiratory syndrome virus nonstructural protein 2 forms a complex with viral nucleocapsid protein and cellular vimentin. <i>Journal of Proteomics</i> , <b>2016</b> , 142, 70-81	3.9	23
33	Porcine Reproductive and Respiratory Syndrome Virus nsp11 Antagonizes Type I Interferon Signaling by Targeting IRF9. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	21
32	Porcine deltacoronavirus nucleocapsid protein antagonizes IFN- $\beta$ production by impairing dsRNA and PACT binding to RIG-I. <i>Virus Genes</i> , <b>2019</b> , 55, 520-531	2.3	19
31	Molecular cloning and functional characterization of porcine DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41). <i>Developmental and Comparative Immunology</i> , <b>2014</b> , 47, 191-6	3.2	19
30	Molecular cloning, expression and antiviral activity of porcine interleukin-29 (poIL-29). <i>Developmental and Comparative Immunology</i> , <b>2011</b> , 35, 378-84	3.2	18
29	Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced RANTES transcription in PK-15 cells. <i>Virus Genes</i> , <b>2011</b> , 42, 388-93	2.3	16
28	Susceptibility of porcine IPI-21 intestinal epithelial cells to infection with swine enteric coronaviruses. <i>Veterinary Microbiology</i> , <b>2019</b> , 233, 21-27	3.3	15
27	Arterivirus nsp4 Antagonizes Interferon Beta Production by Proteolytically Cleaving NEMO at Multiple Sites. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	15
26	DEXD/H-Box Helicase 36 Signaling Myeloid Differentiation Primary Response Gene 88 Contributes to NF- $\kappa$ B Activation to Type 2 Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 1365	8.4	15
25	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. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 111	5.9	14
24	Development and application of a recombination-based library versus library high-throughput yeast two-hybrid (RLL-Y2H) screening system. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, e17	20.1	12
23	Porcine Reproductive and Respiratory Syndrome Virus Infection Induces both eIF2 $\alpha$ Phosphorylation-Dependent and -Independent Host Translation Shutoff. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	12
22	A novel firefly luciferase biosensor enhances the detection of apoptosis induced by ESAT-6 family proteins of Mycobacterium tuberculosis. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 452, 1046-53	3.4	12
21	Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 4 Cleaves Porcine DCP1a To Attenuate Its Antiviral Activity. <i>Journal of Immunology</i> , <b>2018</b> , 201, 2345-2353	5.3	12
20	Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. <i>Biochemical and Biophysical Research Communications</i> , <b>2014</b> , 443, 1169-75	3.4	11
19	Rapid manipulation of the porcine epidemic diarrhea virus genome by CRISPR/Cas9 technology. <i>Journal of Virological Methods</i> , <b>2020</b> , 276, 113772	2.6	11
18	Assessing activity of Hepatitis A virus 3C protease using a cyclized luciferase-based biosensor. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 488, 621-627	3.4	10
17	Cross-Species Transmission of Deltacoronavirus and the Origin of Porcine Deltacoronavirus. <i>Evolutionary Applications</i> , <b>2020</b> , 13, 2246	4.8	10

16	Global analysis of ubiquitome in PRRSV-infected pulmonary alveolar macrophages. <i>Journal of Proteomics</i> , <b>2018</b> , 184, 16-24	3.9	10
15	Mycobacterium tuberculosis Rv2185c contributes to nuclear factor- $\kappa$ B activation. <i>Molecular Immunology</i> , <b>2015</b> , 66, 147-53	4.3	8
14	Porcine Deltacoronavirus nsp5 Cleaves DCP1A To Decrease Its Antiviral Activity. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	7
13	Porcine Reproductive and Respiratory Syndrome Virus E Protein Degrades Porcine Cholesterol 25-Hydroxylase via the Ubiquitin-Proteasome Pathway. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	7
12	Crystal structural basis for Rv0315, an immunostimulatory antigen and inactive beta-1,3-glucanase of Mycobacterium tuberculosis. <i>Scientific Reports</i> , <b>2015</b> , 5, 15073	4.9	7
11	SILAC-based quantitative proteomic analysis of secretome of Marc-145 cells infected with porcine reproductive and respiratory syndrome virus. <i>Proteomics</i> , <b>2016</b> , 16, 2678-2687	4.8	7
10	Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 105	4.5	6
9	Porcine reproductive and respiratory syndrome virus infection induces endoplasmic reticulum stress, facilitates virus replication, and contributes to autophagy and apoptosis. <i>Scientific Reports</i> , <b>2020</b> , 10, 13131	4.9	5
8	Quantitative Proteomic Analyses of a Pathogenic Strain and Its Highly Passaged Attenuated Strain of. <i>BioMed Research International</i> , <b>2019</b> , 2019, 4165735	3	4
7	Porcine reproductive and respiratory syndrome virus infection promotes C1QBP secretion to enhance inflammatory responses. <i>Veterinary Microbiology</i> , <b>2020</b> , 241, 108563	3.3	3
6	SARS-CoV-2 nsp5 Exhibits Stronger Catalytic Activity and Interferon Antagonism than Its SARS-CoV Ortholog.. <i>Journal of Virology</i> , <b>2022</b> , e0003722	6.6	3
5	Molecular cloning and functional characterization of porcine E74-like factor 4 (ELF4). <i>Developmental and Comparative Immunology</i> , <b>2016</b> , 65, 149-158	3.2	2
4	Molecular cloning of the porcine RANTES promoter: functional characterization of dsDNA/dsRNA response elements in PK-15 cells. <i>Developmental and Comparative Immunology</i> , <b>2011</b> , 35, 345-51	3.2	1
3	Characterization of Self-Processing Activities and Substrate Specificities of Porcine Torovirus 3C-Like Protease. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	1
2	Proteome analysis of differential protein expression in porcine alveolar macrophages regulated by porcine reproductive and respiratory syndrome virus nsp1 $\beta$ protein. <i>Virus Genes</i> , <b>2018</b> , 54, 385-396	2.3	0
1	Norovirus 3C-Like protease antagonizes interferon- $\beta$ production by cleaving NEMO.. <i>Virology</i> , <b>2022</b> , 571, 12-20	3.6	0