Shaobo Xiao

List of Publications by Citations

209 papers	5,424 citations	42 h-index	60 g-index
220 ext. papers	6,700 ext. citations	5 avg, IF	5.68 L-index

#	Paper	IF	Citations
209	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
208	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
207	Porcine epidemic diarrhea in China. *Virus Research*, **2016**, 226, 7-13	6.4	114
206	Foot-and-mouth disease virus 3C protease cleaves NEMO to impair innate immune signaling. *Journal of Virology*, **2012**, 86, 9311-22	6.6	110
205	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. *ACS Applied Nano Materials*, **2018**, 1, 5451-5459	5.6	108
204	Porcine reproductive and respiratory syndrome virus (PRRSV) suppresses interferon-beta production by interfering with the RIG-I signaling pathway. *Molecular Immunology*, **2008**, 45, 2839-46	4.3	107
203	Glutathione-Capped AgS Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. *ACS Applied Materials & Interfaces*, **2018**, 10, 4369-4378	9.5	104
202	Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. *Journal of Virology*, **2016**, 90, 2090-101	6.6	97
201	Recombination in vaccine and circulating strains of porcine reproductive and respiratory syndrome viruses. *Emerging Infectious Diseases*, **2009**, 15, 2032-5	10.2	95
200	Porcine Deltacoronavirus in Mainland China. *Emerging Infectious Diseases*, **2015**, 21, 2254-5	10.2	88
199	Glycyrrhizic-Acid-Based Carbon Dots with High Antiviral Activity by Multisite Inhibition Mechanisms. *Small*, **2020**, 16, e1906206	11	87
198	Carbon dots as inhibitors of virus by activation of type I interferon response. *Carbon*, **2016**, 110, 278-285	10.4	82
197	Porcine Deltacoronavirus nsp5 Antagonizes Type I Interferon Signaling by Cleaving STAT2. *Journal of Virology*, **2017**, 91,	6.6	76
196	Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced type I interferon transcription by decreasing interferon regulatory factor 3/7 in protein levels. *Biochemical and Biophysical Research Communications*, **2010**, 399, 72-8	3.4	74
195	Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. *Veterinary Microbiology*, **2016**, 196, 98-106	3.3	68
194	Immunogenicity and protective efficacy of recombinant pseudorabies virus expressing the two major membrane-associated proteins of porcine reproductive and respiratory syndrome virus. *Vaccine*, **2007**, 25, 547-60	4.1	68
193	Porcine reproductive and respiratory syndrome virus infection activates IL-10 production through NF-B and p38 MAPK pathways in porcine alveolar macrophages. *Developmental and Comparative Immunology*, **2013**, 39, 265-72	3.2	67

192	Epidemiology and evolutionary characteristics of the porcine reproductive and respiratory syndrome virus in China between 2006 and 2010. *Journal of Clinical Microbiology*, **2011**, 49, 3175-83	9.7	64
191	Porcine deltacoronavirus nsp5 inhibits interferon-β production through the cleavage of NEMO. *Virology*, **2017**, 502, 33-38	3.6	63
190	Hepatitis A virus 3C protease cleaves NEMO to impair induction of beta interferon. *Journal of Virology*, **2014**, 88, 10252-8	6.6	63
189	MiR-125b reduces porcine reproductive and respiratory syndrome virus replication by negatively regulating the NF-κB pathway. *PLoS ONE*, **2013**, 8, e55838	3.7	63
188	Antiviral Activity of Graphene Oxide-Silver Nanocomposites by Preventing Viral Entry and Activation of the Antiviral Innate Immune Response.. *ACS Applied Bio Materials*, **2018**, 1, 1286-1293	4.1	62
187	DNA vaccines co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus (PRRSV) display enhanced immunogenicity. *Vaccine*, **2006**, 24, 2869-79	4.1	57
186	Genome biology of Actinobacillus pleuropneumoniae JL03, an isolate of serotype 3 prevalent in China. *PLoS ONE*, **2008**, 3, e1450	3.7	56
185	Identification and Comparison of Receptor Binding Characteristics of the Spike Protein of Two Porcine Epidemic Diarrhea Virus Strains. *Viruses*, **2016**, 8, 55	6.2	56
184	Porcine reproductive and respiratory syndrome virus induces IL-1β production depending on TLR4/MyD88 pathway and NLRP3 inflammasome in primary porcine alveolar macrophages. *Mediators of Inflammation*, **2014**, 2014, 403515	4.3	54
183	Immunogenicity of the highly pathogenic porcine reproductive and respiratory syndrome virus GP5 protein encoded by a synthetic ORF5 gene. *Vaccine*, **2009**, 27, 1957-63	4.1	54
182	Complete coding sequences and phylogenetic analysis of porcine bocavirus. *Journal of General Virology*, **2011**, 92, 784-8	4.9	51
181	Proteome analysis of porcine epidemic diarrhea virus (PEDV)-infected Vero cells. *Proteomics*, **2015**, 15, 1819-28	4.8	48
180	Complete genome sequence of porcine epidemic diarrhea virus strain AJ1102 isolated from a suckling piglet with acute diarrhea in China. *Journal of Virology*, **2012**, 86, 10910-1	6.6	47
179	The genomic diversity of Chinese porcine reproductive and respiratory syndrome virus isolates from 1996 to 2009. *Veterinary Microbiology*, **2010**, 146, 226-37	3.3	47
178	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
177	Ubiquitin-specific proteases 25 negatively regulates virus-induced type I interferon signaling. *PLoS ONE*, **2013**, 8, e80976	3.7	46
176	Comparison of immune responses and protective efficacy of suicidal DNA vaccine and conventional DNA vaccine encoding glycoprotein C of pseudorabies virus in mice. *Vaccine*, **2004**, 22, 345-51	4.1	46
175	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

174	A pseudotype baculovirus-mediated vaccine confers protective immunity against lethal challenge with H5N1 avian influenza virus in mice and chickens. *Molecular Immunology*, **2009**, 46, 2210-7	4.3	45
173	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. *Antiviral Research*, **2015**, 120, 122-5	10.8	44
172	Construction and immunogenicity of recombinant pseudotype baculovirus expressing the capsid protein of porcine circovirus type 2 in mice. *Journal of Virological Methods*, **2008**, 150, 21-6	2.6	44
171	Dimerization of Coronavirus nsp9 with Diverse Modes Enhances Its Nucleic Acid Binding Affinity. *Journal of Virology*, **2018**, 92,	6.6	42
170	Mycoplasma hyopneumoniae-derived lipid-associated membrane proteins induce apoptosis in porcine alveolar macrophage via increasing nitric oxide production, oxidative stress, and caspase-3 activation. *Veterinary Immunology and Immunopathology*, **2013**, 155, 155-61	2	42
169	Porcine reproductive and respiratory syndrome virus nonstructural protein 2 contributes to NF-B activation. *Virology Journal*, **2012**, 9, 83	6.1	42
168	Construction and immunogenicity of pseudotype baculovirus expressing GP5 and M protein of porcine reproductive and respiratory syndrome virus. *Vaccine*, **2007**, 25, 8220-7	4.1	42
167	PI3K-Akt-mTOR axis sustains rotavirus infection via the 4E-BP1 mediated autophagy pathway and represents an antiviral target. *Virulence*, **2018**, 9, 83-98	4.7	41
166	Comparative genomics of Mycoplasma: analysis of conserved essential genes and diversity of the pan-genome. *PLoS ONE*, **2012**, 7, e35698	3.7	40
165	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
164	Complete genome sequence of Mycoplasma hyopneumoniae strain 168. *Journal of Bacteriology*, **2011**, 193, 1016-7	3.5	39
163	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
162	Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon- production. *Virology*, **2016**, 495, 10-7	3.6	39
161	Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. *Emerging Microbes and Infections*, **2018**, 7, 65	18.9	38
160	Evolutionary and genotypic analyses of global porcine epidemic diarrhea virus strains. *Transboundary and Emerging Diseases*, **2019**, 66, 111-118	4.2	38
159	Comparative genomic analyses of Mycoplasma hyopneumoniae pathogenic 168 strain and its high-passaged attenuated strain. *BMC Genomics*, **2013**, 14, 80	4.5	38
158	Enhanced immunogenicity of the modified GP5 of porcine reproductive and respiratory syndrome virus. *Virus Genes*, **2006**, 32, 5-11	2.3	38
157	Quantitative proteomic analysis reveals that transmissible gastroenteritis virus activates the JAK-STAT1 signaling pathway. *Journal of Proteome Research*, **2014**, 13, 5376-90	5.6	37

156	Discovery of a novel accessory protein NS7a encoded by porcine deltacoronavirus. *Journal of General Virology*, **2017**, 98, 173-178	4.9	37
155	A conserved region of nonstructural protein 1 from alphacoronaviruses inhibits host gene expression and is critical for viral virulence. *Journal of Biological Chemistry*, **2019**, 294, 13606-13618	5.4	36
154	Induction of autophagy enhances porcine reproductive and respiratory syndrome virus replication. *Virus Research*, **2012**, 163, 650-5	6.4	36
153	Generation and immunogenicity of a recombinant pseudorabies virus expressing cap protein of porcine circovirus type 2. *Veterinary Microbiology*, **2007**, 119, 97-104	3.3	36
152	Protection induced by intramuscular immunization with DNA vaccines of pseudorabies in mice, rabbits and piglets. *Vaccine*, **2002**, 20, 1205-14	4.1	36
151	Foot-and-mouth disease virus (FMDV) leader proteinase negatively regulates the porcine interferon-1 pathway. *Molecular Immunology*, **2011**, 49, 407-12	4.3	35
150	Transmissible gastroenteritis virus infection induces NF-B activation through RLR-mediated signaling. *Virology*, **2017**, 507, 170-178	3.6	33
149	Antiviral activity of type I and type III interferons against porcine reproductive and respiratory syndrome virus (PRRSV). *Antiviral Research*, **2011**, 91, 99-101	10.8	33
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147	and double-knockout pigs are resistant to PRRSV and TGEV and exhibit decreased susceptibility to PDCoV while maintaining normal production performance. *ELife*, **2020**, 9,	8.9	33
146	Identification of novel proteolytically inactive mutations in coronavirus 3C-like protease using a combined approach. *FASEB Journal*, **2019**, 33, 14575-14587	0.9	32
145	Activation of NF-B by nucleocapsid protein of the porcine reproductive and respiratory syndrome virus. *Virus Genes*, **2011**, 42, 76-81	2.3	32
144	Exosomes Mediate Intercellular Transmission of Porcine Reproductive and Respiratory Syndrome Virus. *Journal of Virology*, **2018**, 92,	6.6	32
143	Complete genome sequence of a novel species of Porcine Bocavirus, PBoV5. *Journal of Virology*, **2012**, 86, 1286-7	6.6	30
142	Molecular cloning and functional characterization of porcine IFN-beta promoter stimulator 1 (IPS-1). *Veterinary Immunology and Immunopathology*, **2008**, 125, 344-53	2	30
141	Porcine deltacoronavirus nsp15 antagonizes interferon- production independently of its endoribonuclease activity. *Molecular Immunology*, **2019**, 114, 100-107	4.3	29
140	Label-free quantitative phosphoproteomic analysis reveals differentially regulated proteins and pathway in PRRSV-infected pulmonary alveolar macrophages. *Journal of Proteome Research*, **2014**, 13, 1270-80	5.6	29
139	Identification and subcellular localization of porcine deltacoronavirus accessory protein NS6. *Virology*, **2016**, 499, 170-177	3.6	29

138	Blue and cyan fluorescent carbon dots: one-pot synthesis, selective cell imaging and their antiviral activity. *RSC Advances*, **2017**, 7, 28016-28023	3.7	28
137	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. *Virology*, **2014**, 468-470, 1-9	3.6	28
136	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. *Frontiers in Immunology*, **2017**, 8, 940	8.4	28
135	Generation and immunogenicity of Japanese encephalitis virus envelope protein expressed in transgenic rice. *Biochemical and Biophysical Research Communications*, **2009**, 380, 292-7	3.4	28
134	Coronaviruses **2019**, 488-523		27
133	Structural basis for the dimerization and substrate recognition specificity of porcine epidemic diarrhea virus 3C-like protease. *Virology*, **2016**, 494, 225-35	3.6	27
132	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
131	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
130	Glutathione-Stabilized Fluorescent Gold Nanoclusters Vary in Their Influences on the Proliferation of Pseudorabies Virus and Porcine Reproductive and Respiratory Syndrome Virus. *ACS Applied Nano Materials*, **2018**, 1, 969-976	5.6	25
129	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
128	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
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126	Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. *Virology*, **2015**, 485, 414-21	3.6	23
125	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
124	Porcine Reproductive and Respiratory Syndrome Virus nsp1 Inhibits NF-B Activation by Targeting the Linear Ubiquitin Chain Assembly Complex. *Journal of Virology*, **2017**, 91,	6.6	23
123	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
122	Porcine reproductive and respiratory syndrome virus (PRRSV) infection activates chemokine RANTES in MARC-145 cells. *Molecular Immunology*, **2011**, 48, 586-91	4.3	22
121	Antitumor effects of a recombinant pseudotype baculovirus expressing Apoptin in vitro and in vivo. *International Journal of Cancer*, **2010**, 126, 2741-51	7.5	22

120	Structural Basis for the Inhibition of Host Gene Expression by Porcine Epidemic Diarrhea Virus nsp1. *Journal of Virology*, **2018**, 92,	6.6	22
119	Porcine Reproductive and Respiratory Syndrome Virus nsp11 Antagonizes Type I Interferon Signaling by Targeting IRF9. *Journal of Virology*, **2019**, 93,	6.6	21
118	Probing the interactions of CdTe quantum dots with pseudorabies virus. *Scientific Reports*, **2015**, 5, 16403	4.9	20
117	Porcine deltacoronavirus (PDCoV) modulates calcium influx to favor viral replication. *Virology*, **2020**, 539, 38-48	3.6	20
116	High antiviral activity of mercaptoethane sulfonate functionalized Te/BSA nanostars against arterivirus and coronavirus.. *RSC Advances*, **2020**, 10, 14161-14169	3.7	20
115	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
114	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
113	Development of a novel TaqMan-based real-time PCR assay for the detection of porcine boca-like virus (Pbo-likeV). *Virology Journal*, **2011**, 8, 357	6.1	19
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111	Efficient gene delivery into mammalian cells by recombinant baculovirus containing a hybrid cytomegalovirus promoter/Semliki Forest virus replicon. *Journal of Gene Medicine*, **2009**, 11, 1030-8	3.5	19
110	Identification and functional analysis of the novel ORF6 protein of porcine circovirus type 2 in vitro. *Veterinary Research Communications*, **2018**, 42, 1-10	2.9	19
109	Molecular cloning, expression and antiviral activity of porcine interleukin-29 (poIL-29). *Developmental and Comparative Immunology*, **2011**, 35, 378-84	3.2	18
108	A MYB coiled-coil transcription factor interacts with NSP2 and is involved in nodulation in Lotus japonicus. *New Phytologist*, **2014**, 201, 837-849	9.8	17
107	Immunogenicity of foot-and-mouth disease virus structural polyprotein P1 expressed in transgenic rice. *Journal of Virological Methods*, **2012**, 181, 12-7	2.6	17
106	A suicidal DNA vaccine co-expressing two major membrane-associated proteins of porcine reproductive and respiratory syndrome virus antigens induce protective responses. *Biotechnology Letters*, **2009**, 31, 509-18	3	17
105	C3d enhanced DNA vaccination induced humoral immune response to glycoprotein C of pseudorabies virus. *Biochemical and Biophysical Research Communications*, **2006**, 347, 845-51	3.4	17
104	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
103	Molecular cloning and functional characterization of porcine stimulator of interferon genes (STING). *Developmental and Comparative Immunology*, **2010**, 34, 847-54	3.2	16

102	Susceptibility of porcine IPI-2I intestinal epithelial cells to infection with swine enteric coronaviruses. *Veterinary Microbiology*, **2019**, 233, 21-27	3.3	15
101	Arterivirus nsp4 Antagonizes Interferon Beta Production by Proteolytically Cleaving NEMO at Multiple Sites. *Journal of Virology*, **2019**, 93,	6.6	15
100	Preparation and sustainable release of modified konjac glucomannan/chitosan nanospheres. *International Journal of Biological Macromolecules*, **2016**, 91, 609-14	7.9	15
99	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
98	Immunization with pseudotype baculovirus expressing envelope protein of Japanese encephalitis virus elicits protective immunity in mice. *Journal of Gene Medicine*, **2009**, 11, 57-65	3.5	15
97	The functions of the variable lipoprotein family of Mycoplasma hyorhinis in adherence to host cells. *Veterinary Microbiology*, **2016**, 186, 82-9	3.3	14
96	Rabies-virus-glycoprotein-pseudotyped recombinant baculovirus vaccine confers complete protection against lethal rabies virus challenge in a mouse model. *Veterinary Microbiology*, **2014**, 171, 93-101	3.3	14
95	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
94	Enhanced immunogenicity induced by an alphavirus replicon-based pseudotyped baculovirus vaccine against porcine reproductive and respiratory syndrome virus. *Journal of Virological Methods* , **2013**, 187, 251-8	2.6	14
93	Inhibition of Japanese encephalitis virus NS1 protein expression in cell by small interfering RNAs. *Virus Genes*, **2006**, 33, 69-75	2.3	14
92	Surface proteins mhp390 (P68) contributes to cilium adherence and mediates inflammation and apoptosis in Mycoplasma hyopneumoniae. *Microbial Pathogenesis*, **2019**, 126, 92-100	3.8	14
91	Enhanced immunogenicity to food-and-mouth disease virus in mice vaccination with alphaviral replicon-based DNA vaccine expressing the capsid precursor polypeptide (P1). *Virus Genes*, **2006**, 33, 337-44	2.3	13
90	Construction and characterization of a live, attenuated apxIICA inactivation mutant of Actinobacillus pleuropneumoniae lacking a drug resistance marker. *FEMS Microbiology Letters*, **2005** , 243, 21-7	2.9	13
89	Identification of two antiviral inhibitors targeting 3C-like serine/3C-like protease of porcine reproductive and respiratory syndrome virus and porcine epidemic diarrhea virus. *Veterinary Microbiology*, **2018**, 213, 114-122	3.3	13
88	G-quadruplex in the 3UTR of IE180 regulates Pseudorabies virus replication by enhancing gene expression. *RNA Biology*, **2020**, 17, 816-827	4.8	12
87	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
86	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
85	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

84	Cellular membrane cholesterol is required for porcine reproductive and respiratory syndrome virus entry and release in MARC-145 cells. *Science China Life Sciences*, **2011**, 54, 1011-8	8.5	12
83	Fatty Acids Regulate Porcine Reproductive and Respiratory Syndrome Virus Infection via the AMPK-ACC1 Signaling Pathway. *Viruses*, **2019**, 11,	6.2	12
82	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
81	Porcine Deltacoronavirus Accessory Protein NS7a Antagonizes IFN-Production by Competing With TRAF3 and IRF3 for Binding to IKK*Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 257	5.9	11
80	Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. *Biochemical and Biophysical Research Communications*, **2014**, 443, 1169-75	3.4	11
79	Construction and immunogenicity of a recombinant pseudotype baculovirus expressing the glycoprotein of rabies virus in mice. *Archives of Virology*, **2011**, 156, 753-8	2.6	11
78	N-acetylpenicillamine inhibits the replication of porcine reproductive and respiratory syndrome virus in vitro. *Veterinary Research Communications*, **2010**, 34, 607-17	2.9	11
77	Construction and immune response characterization of a recombinant pseudorabies virus co-expressing capsid precursor protein (P1) and a multiepitope peptide of foot-and-mouth disease virus in swine. *Virus Genes*, **2008**, 36, 393-400	2.3	11
76	Rapid manipulation of the porcine epidemic diarrhea virus genome by CRISPR/Cas9 technology. *Journal of Virological Methods*, **2020**, 276, 113772	2.6	11
75	Broad-Spectrum Robust Direct Bactericidal Activity of Fish IFN Reveals an Antimicrobial Peptide-like Function for Type I IFNs in Vertebrates. *Journal of Immunology*, **2021**, 206, 1337-1347	5.3	11
74	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
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71	Complete genome sequence of porcine kobuvirus strain WUH1. *Journal of Virology*, **2012**, 86, 7010	6.6	10
70	Two critical N-terminal epitopes of the nucleocapsid protein contribute to the cross-reactivity between porcine epidemic diarrhea virus and porcine transmissible gastroenteritis virus. *Journal of General Virology*, **2019**, 100, 206-216	4.9	10
69	Cross-Species Transmission of Deltacoronavirus and the Origin of Porcine Deltacoronavirus. *Evolutionary Applications*, **2020**, 13, 2246	4.8	10
68	Global analysis of ubiquitome in PRRSV-infected pulmonary alveolar macrophages. *Journal of Proteomics*, **2018**, 184, 16-24	3.9	10
67	The N-Terminal Domain of Spike Protein Is Not the Enteric Tropism Determinant for Transmissible Gastroenteritis Virus in Piglets. *Viruses*, **2019**, 11,	6.2	9

66	GSH-ZnS Nanoparticles Exhibit High-Efficiency and Broad-Spectrum Antiviral Activities via Multistep Inhibition Mechanisms.. *ACS Applied Bio Materials*, **2020**, 3, 4809-4819	4.1	9
65	Different Effects of His-Au NCs and MES-Au NCs on the Propagation of Pseudorabies Virus. *Global Challenges*, **2018**, 2, 1800030	4.3	9
64	Tellurium/Bovine Serum Albumin Nanocomposites Inducing the Formation of Stress Granules in a Protein Kinase R-Dependent Manner. *ACS Applied Materials & Interfaces*, **2018**, 10, 25241-25251	9.5	9
63	Complete genome sequence of a novel deletion porcine reproductive and respiratory syndrome virus strain. *Genome Announcements*, **2013**, 1,		9
62	Protective immunity elicited by a pseudotyped baculovirus-mediated bivalent H5N1 influenza vaccine. *Antiviral Research*, **2011**, 92, 493-6	10.8	9
61	Molecular cloning and functional characterization of porcine DNA-dependent activator of IFN-regulatory factors (DAI). *Developmental and Comparative Immunology*, **2010**, 34, 293-9	3.2	9
60	Development of a vaccine vector based on a subgenomic replicon of porcine reproductive and respiratory syndrome virus. *Journal of Virological Methods*, **2009**, 160, 22-8	2.6	9
59	Immunization with pseudotype baculovirus expressing envelope protein of Japanese encephalitis virus elicits protective immunity in mice. *Journal of Gene Medicine*, **2009**, 11, 150-9	3.5	9
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55	Mycobacterium tuberculosis Rv2185c contributes to nuclear factor-B activation. *Molecular Immunology*, **2015**, 66, 147-53	4.3	8
54	Complete genome sequence of a street rabies virus isolated from a rabid dog in China. *Journal of Virology*, **2012**, 86, 10890-1	6.6	8
53	Mutational analysis of the functional sites in porcine reproductive and respiratory syndrome virus non-structural protein 10. *Journal of General Virology*, **2015**, 96, 547-552	4.9	7
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