

Shaobo Xiao

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Inhibitory effect and mechanism of gelatin stabilized ferrous sulfide nanoparticles on porcine reproductive and respiratory syndrome virus.. <i>Journal of Nanobiotechnology</i> , 2022 , 20, 70	9.4	0
208	A Novel Antimicrobial Peptide Derived from Bony Fish IFN1 Exerts Potent Antimicrobial and Anti-Inflammatory Activity in Mammals.. <i>Microbiology Spectrum</i> , 2022 , e0201321	8.9	
207	SARS-CoV-2 nsp5 Exhibits Stronger Catalytic Activity and Interferon Antagonism than Its SARS-CoV Ortholog.. <i>Journal of Virology</i> , 2022 , e0003722	6.6	3
206	AMG487 inhibits PRRSV replication and ameliorates lung injury in pig lung xenografts by down-regulating the expression of ANXA2.. <i>Antiviral Research</i> , 2022 , 105314	10.8	0
205	Porcine Epidemic Diarrhea Virus nsp7 Inhibits Interferon-Induced JAK-STAT Signaling through Sequestering the Interaction between KPNA1 and STAT1.. <i>Journal of Virology</i> , 2022 , e0040022	6.6	2
204	Norovirus 3C-Like protease antagonizes interferon- β production by cleaving NEMO.. <i>Virology</i> , 2022 , 571, 12-20	3.6	0
203	Porcine Intestinal Organoids: Overview of the State of the Art. <i>Viruses</i> , 2022 , 14, 1110	6.2	0
202	DEAD/H-box helicases: Anti-viral and pro-viral roles during infections.. <i>Virus Research</i> , 2021 , 309, 198658	6.4	3
201	Porcine reproductive and respiratory syndrome virus nsp4 positively regulates cellular cholesterol to inhibit type I interferon production.. <i>Redox Biology</i> , 2021 , 49, 102207	11.3	0
200	Construction, Characterization and Application of Recombinant Porcine Deltacoronavirus Expressing Nanoluciferase. <i>Viruses</i> , 2021 , 13,	6.2	1
199	Insight into vaccine development for Alpha-coronaviruses based on structural and immunological analyses of spike proteins. <i>Journal of Virology</i> , 2021 ,	6.6	1
198	Cholesterol 25-hydroxylase suppresses porcine deltacoronavirus infection by inhibiting viral entry. <i>Virus Research</i> , 2021 , 295, 198306	6.4	4
197	ATPase and helicase activities of porcine epidemic diarrhea virus nsp13. <i>Veterinary Microbiology</i> , 2021 , 257, 109074	3.3	2
196	Functions of Coronavirus Accessory Proteins: Overview of the State of the Art. <i>Viruses</i> , 2021 , 13,	6.2	5
195	Molecular characterization and functional analysis of duck CCCH-type zinc finger antiviral protein (ZAP). <i>Biochemical and Biophysical Research Communications</i> , 2021 , 561, 52-58	3.4	
194	Porcine deltacoronavirus nsp10 antagonizes interferon- β production independently of its zinc finger domains. <i>Virology</i> , 2021 , 559, 46-56	3.6	0
193	The ubiquitin proteasome system is necessary for efficient proliferation of porcine reproductive and respiratory syndrome virus. <i>Veterinary Microbiology</i> , 2021 , 253, 108947	3.3	3

192	Structure of the multiple functional domains from coronavirus nonstructural protein 3. <i>Emerging Microbes and Infections</i> , 2021 , 10, 66-80	18.9	7
191	Cryo-EM analysis of the HCoV-229E spike glycoprotein reveals dynamic prefusion conformational changes. <i>Nature Communications</i> , 2021 , 12, 141	17.4	3
190	Broad-Spectrum Robust Direct Bactericidal Activity of Fish IFN γ Reveals an Antimicrobial Peptide-like Function for Type I IFNs in Vertebrates. <i>Journal of Immunology</i> , 2021 , 206, 1337-1347	5.3	11
189	Porcine Deltacoronavirus Enters Porcine IPI-2I Intestinal Epithelial Cells via Macropinocytosis and Clathrin-Mediated Endocytosis Dependent on pH and Dynamin. <i>Journal of Virology</i> , 2021 , 95, e0134521	6.6	5
188	Replicative capacity of four porcine enteric coronaviruses in LLC-PK1 cells. <i>Archives of Virology</i> , 2021 , 166, 935-941	2.6	2
187	Molecular cloning and functional characterization of duck DEAD (Asp-Glu-Ala-Asp) box RNA helicase 3 (DDX3X). <i>Biochemical and Biophysical Research Communications</i> , 2020 , 527, 496-502	3.4	1
186	Structural Characterization of the Helicase nsp10 Encoded by Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2020 , 94,	6.6	2
185	Porcine Deltacoronavirus nsp5 Cleaves DCP1A To Decrease Its Antiviral Activity. <i>Journal of Virology</i> , 2020 , 94,	6.6	7
184	Porcine Deltacoronavirus Accessory Protein NS7a Antagonizes IFN- β Production by Competing With TRAF3 and IRF3 for Binding to IKK β . <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 257	5.9	11
183	Antiviral Carbon Dots: Glycyrrhizic-Acid-Based Carbon Dots with High Antiviral Activity by Multisite Inhibition Mechanisms (Small 13/2020). <i>Small</i> , 2020 , 16, 2070068	11	1
182	GSH-ZnS Nanoparticles Exhibit High-Efficiency and Broad-Spectrum Antiviral Activities via Multistep Inhibition Mechanisms.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 4809-4819	4.1	9
181	Porcine deltacoronavirus (PDCoV) infection antagonizes interferon- β production. <i>Veterinary Microbiology</i> , 2020 , 247, 108785	3.3	7
180	Glycyrrhizic-Acid-Based Carbon Dots with High Antiviral Activity by Multisite Inhibition Mechanisms. <i>Small</i> , 2020 , 16, e1906206	11	87
179	G-quadruplex in the 3'UTR of IE180 regulates Pseudorabies virus replication by enhancing gene expression. <i>RNA Biology</i> , 2020 , 17, 816-827	4.8	12
178	and double-knockout pigs are resistant to PRRSV and TGEV and exhibit decreased susceptibility to PDCoV while maintaining normal production performance. <i>ELife</i> , 2020 , 9,	8.9	33
177	Porcine reproductive and respiratory syndrome virus infection promotes C1QBP secretion to enhance inflammatory responses. <i>Veterinary Microbiology</i> , 2020 , 241, 108563	3.3	3
176	Rapid manipulation of the porcine epidemic diarrhea virus genome by CRISPR/Cas9 technology. <i>Journal of Virological Methods</i> , 2020 , 276, 113772	2.6	11
175	Polyamine regulation of porcine reproductive and respiratory syndrome virus infection depends on spermidine-spermine acetyltransferase 1. <i>Veterinary Microbiology</i> , 2020 , 250, 108839	3.3	2

174	Structural and Biological Basis of Alphacoronavirus nsp1 Associated with Host Proliferation and Immune Evasion. <i>Viruses</i> , 2020 , 12,	6.2	7
173	Porcine reproductive and respiratory syndrome virus infection induces endoplasmic reticulum stress, facilitates virus replication, and contributes to autophagy and apoptosis. <i>Scientific Reports</i> , 2020 , 10, 13131	4.9	5
172	Characterization of Self-Processing Activities and Substrate Specificities of Porcine Torovirus 3C-Like Protease. <i>Journal of Virology</i> , 2020 , 94,	6.6	1
171	Cross-Species Transmission of Deltacoronavirus and the Origin of Porcine Deltacoronavirus. <i>Evolutionary Applications</i> , 2020 , 13, 2246	4.8	10
170	Porcine deltacoronavirus (PDCoV) modulates calcium influx to favor viral replication. <i>Virology</i> , 2020 , 539, 38-48	3.6	20
169	High antiviral activity of mercaptoethane sulfonate functionalized Te/BSA nanostars against arterivirus and coronavirus.. <i>RSC Advances</i> , 2020 , 10, 14161-14169	3.7	20
168	Porcine deltacoronavirus nucleocapsid protein antagonizes IFN- β production by impairing dsRNA and PACT binding to RIG-I. <i>Virus Genes</i> , 2019 , 55, 520-531	2.3	19
167	Susceptibility of porcine IPI-2I intestinal epithelial cells to infection with swine enteric coronaviruses. <i>Veterinary Microbiology</i> , 2019 , 233, 21-27	3.3	15
166	Porcine Reproductive and Respiratory Syndrome Virus nsp11 Antagonizes Type I Interferon Signaling by Targeting IRF9. <i>Journal of Virology</i> , 2019 , 93,	6.6	21
165	Coronaviruses 2019 , 488-523		27
164	The N-Terminal Domain of Spike Protein Is Not the Enteric Tropism Determinant for Transmissible Gastroenteritis Virus in Piglets. <i>Viruses</i> , 2019 , 11,	6.2	9
163	Arterivirus nsp4 Antagonizes Interferon Beta Production by Proteolytically Cleaving NEMO at Multiple Sites. <i>Journal of Virology</i> , 2019 , 93,	6.6	15
162	Evolutionary and genotypic analyses of global porcine epidemic diarrhea virus strains. <i>Transboundary and Emerging Diseases</i> , 2019 , 66, 111-118	4.2	38
161	Porcine Reproductive and Respiratory Syndrome Virus E Protein Degrades Porcine Cholesterol 25-Hydroxylase via the Ubiquitin-Proteasome Pathway. <i>Journal of Virology</i> , 2019 , 93,	6.6	7
160	Porcine deltacoronavirus nsp15 antagonizes interferon- β production independently of its endoribonuclease activity. <i>Molecular Immunology</i> , 2019 , 114, 100-107	4.3	29
159	A conserved region of nonstructural protein 1 from alphacoronaviruses inhibits host gene expression and is critical for viral virulence. <i>Journal of Biological Chemistry</i> , 2019 , 294, 13606-13618	5.4	36
158	Quantitative Proteomic Analyses of a Pathogenic Strain and Its Highly Passaged Attenuated Strain of. <i>BioMed Research International</i> , 2019 , 2019, 4165735	3	4
157	Identification of novel proteolytically inactive mutations in coronavirus 3C-like protease using a combined approach. <i>FASEB Journal</i> , 2019 , 33, 14575-14587	0.9	32

156	Two critical N-terminal epitopes of the nucleocapsid protein contribute to the cross-reactivity between porcine epidemic diarrhea virus and porcine transmissible gastroenteritis virus. <i>Journal of General Virology</i> , 2019 , 100, 206-216	4.9	10
155	Fatty Acids Regulate Porcine Reproductive and Respiratory Syndrome Virus Infection via the AMPK-ACC1 Signaling Pathway. <i>Viruses</i> , 2019 , 11,	6.2	12
154	Surface proteins mhp390 (P68) contributes to cilium adherence and mediates inflammation and apoptosis in <i>Mycoplasma hyopneumoniae</i> . <i>Microbial Pathogenesis</i> , 2019 , 126, 92-100	3.8	14
153	Proteome analysis of differential protein expression in porcine alveolar macrophages regulated by porcine reproductive and respiratory syndrome virus nsp1 protein. <i>Virus Genes</i> , 2018 , 54, 385-396	2.3	0
152	Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. <i>Emerging Microbes and Infections</i> , 2018 , 7, 65	18.9	38
151	Glutathione-Stabilized Fluorescent Gold Nanoclusters Vary in Their Influences on the Proliferation of Pseudorabies Virus and Porcine Reproductive and Respiratory Syndrome Virus. <i>ACS Applied Nano Materials</i> , 2018 , 1, 969-976	5.6	25
150	Glutathione-Capped AgS Nanoclusters Inhibit Coronavirus Proliferation through Blockage of Viral RNA Synthesis and Budding. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 4369-4378	9.5	104
149	Development and application of a recombination-based library versus library high-throughput yeast two-hybrid (RLL-Y2H) screening system. <i>Nucleic Acids Research</i> , 2018 , 46, e17	20.1	12
148	Preparation of Modified Konjac Glucomannan Nanoparticles and their Application as Vaccine Adjuvants to Promote Ovalbumin-Induced Immune Response in Mice. <i>Pharmaceutical Research</i> , 2018 , 35, 105	4.5	6
147	PI3K-Akt-mTOR axis sustains rotavirus infection via the 4E-BP1 mediated autophagy pathway and represents an antiviral target. <i>Virulence</i> , 2018 , 9, 83-98	4.7	41
146	Dimerization of Coronavirus nsp9 with Diverse Modes Enhances Its Nucleic Acid Binding Affinity. <i>Journal of Virology</i> , 2018 , 92,	6.6	42
145	Different Effects of His-Au NCs and MES-Au NCs on the Propagation of Pseudorabies Virus. <i>Global Challenges</i> , 2018 , 2, 1800030	4.3	9
144	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> , 2018 , 9, 1142	8.4	23
143	Tellurium/Bovine Serum Albumin Nanocomposites Inducing the Formation of Stress Granules in a Protein Kinase R-Dependent Manner. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 25241-25251	9.5	9
142	Porcine Reproductive and Respiratory Syndrome Virus Infection Induces both eIF2 α Phosphorylation-Dependent and -Independent Host Translation Shutoff. <i>Journal of Virology</i> , 2018 , 92,	6.6	12
141	Insight into the evolution of nidovirus endoribonuclease based on the finding that nsp15 from porcine functions as a dimer. <i>Journal of Biological Chemistry</i> , 2018 , 293, 12054-12067	5.4	8
140	Identification and functional analysis of the novel ORF6 protein of porcine circovirus type 2 in vitro. <i>Veterinary Research Communications</i> , 2018 , 42, 1-10	2.9	19
139	Identification of two antiviral inhibitors targeting 3C-like serine/3C-like protease of porcine reproductive and respiratory syndrome virus and porcine epidemic diarrhea virus. <i>Veterinary Microbiology</i> , 2018 , 213, 114-122	3.3	13

138	Exosomes Mediate Intercellular Transmission of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Virology</i> , 2018 , 92,	6.6	32
137	Structural Basis for the Inhibition of Host Gene Expression by Porcine Epidemic Diarrhea Virus nsp1. <i>Journal of Virology</i> , 2018 , 92,	6.6	22
136	Antiviral Activity of Graphene Oxide-Silver Nanocomposites by Preventing Viral Entry and Activation of the Antiviral Innate Immune Response.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1286-1293	4.1	62
135	Multisite Inhibitors for Enteric Coronavirus: Antiviral Cationic Carbon Dots Based on Curcumin. <i>ACS Applied Nano Materials</i> , 2018 , 1, 5451-5459	5.6	108
134	Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 4 Cleaves Porcine DCP1a To Attenuate Its Antiviral Activity. <i>Journal of Immunology</i> , 2018 , 201, 2345-2353	5.3	12
133	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> , 2018 , 92,	6.6	47
132	Global analysis of ubiquitome in PRRSV-infected pulmonary alveolar macrophages. <i>Journal of Proteomics</i> , 2018 , 184, 16-24	3.9	10
131	Porcine Deltacoronavirus nsp5 Antagonizes Type I Interferon Signaling by Cleaving STAT2. <i>Journal of Virology</i> , 2017 , 91,	6.6	76
130	Transmissible gastroenteritis virus infection induces NF- κ B activation through RLR-mediated signaling. <i>Virology</i> , 2017 , 507, 170-178	3.6	33
129	Assessing activity of Hepatitis A virus 3C protease using a cyclized luciferase-based biosensor. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 488, 621-627	3.4	10
128	Blue and cyan fluorescent carbon dots: one-pot synthesis, selective cell imaging and their antiviral activity. <i>RSC Advances</i> , 2017 , 7, 28016-28023	3.7	28
127	Porcine deltacoronavirus nsp5 inhibits interferon- β production through the cleavage of NEMO. <i>Virology</i> , 2017 , 502, 33-38	3.6	63
126	Cholesterol 25-Hydroxylase Inhibits Porcine Reproductive and Respiratory Syndrome Virus Replication through Enzyme Activity-Dependent and -Independent Mechanisms. <i>Journal of Virology</i> , 2017 , 91,	6.6	45
125	Porcine Reproductive and Respiratory Syndrome Virus nsp1 Inhibits NF- κ B Activation by Targeting the Linear Ubiquitin Chain Assembly Complex. <i>Journal of Virology</i> , 2017 , 91,	6.6	23
124	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> , 2017 , 7, 111	5.9	14
123	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. <i>Frontiers in Immunology</i> , 2017 , 8, 940	8.4	28
122	DEXD/H-Box Helicase 36 Signaling Myeloid Differentiation Primary Response Gene 88 Contributes to NF- κ B Activation to Type 2 Porcine Reproductive and Respiratory Syndrome Virus Infection. <i>Frontiers in Immunology</i> , 2017 , 8, 1365	8.4	15
121	The nucleocapsid proteins of mouse hepatitis virus and severe acute respiratory syndrome coronavirus share the same IFN- β antagonizing mechanism: attenuation of PACT-mediated RIG-I/MDA5 activation. <i>Oncotarget</i> , 2017 , 8, 49655-49670	3.3	39

120	Discovery of a novel accessory protein NS7a encoded by porcine deltacoronavirus. <i>Journal of General Virology</i> , 2017 , 98, 173-178	4.9	37
119	Molecular cloning and functional characterization of porcine E74-like factor 4 (ELF4). <i>Developmental and Comparative Immunology</i> , 2016 , 65, 149-158	3.2	2
118	Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. <i>Veterinary Microbiology</i> , 2016 , 196, 98-106	3.3	68
117	Porcine epidemic diarrhea in China. <i>Virus Research</i> , 2016 , 226, 7-13	6.4	114
116	Preparation and sustainable release of modified konjac glucomannan/chitosan nanospheres. <i>International Journal of Biological Macromolecules</i> , 2016 , 91, 609-14	7.9	15
115	Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. <i>Journal of Virology</i> , 2016 , 90, 2090-101	6.6	97
114	The functions of the variable lipoprotein family of <i>Mycoplasma hyorhinis</i> in adherence to host cells. <i>Veterinary Microbiology</i> , 2016 , 186, 82-9	3.3	14
113	A Dimerization-Dependent Mechanism Drives the Endoribonuclease Function of Porcine Reproductive and Respiratory Syndrome Virus nsp11. <i>Journal of Virology</i> , 2016 , 90, 4579-4592	6.6	24
112	Differential contributions of porcine bocavirus NP1 protein N- and C-terminal regions to its nuclear localization and immune regulation. <i>Journal of General Virology</i> , 2016 , 97, 1178-1188	4.9	3
111	Identification and Comparison of Receptor Binding Characteristics of the Spike Protein of Two Porcine Epidemic Diarrhea Virus Strains. <i>Viruses</i> , 2016 , 8, 55	6.2	56
110	Characterization of the role in adherence of <i>Mycoplasma hyorhinis</i> variable lipoproteins containing different repeat unit copy numbers. <i>Veterinary Microbiology</i> , 2016 , 197, 39-46	3.3	7
109	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> , 2016 , 142, 70-81	3.9	23
108	Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon- β production. <i>Virology</i> , 2016 , 495, 10-7	3.6	39
107	Structural basis for the dimerization and substrate recognition specificity of porcine epidemic diarrhea virus 3C-like protease. <i>Virology</i> , 2016 , 494, 225-35	3.6	27
106	Porcine bocavirus NP1 protein suppresses type I IFN production by interfering with IRF3 DNA-binding activity. <i>Virus Genes</i> , 2016 , 52, 797-805	2.3	4
105	Identification and subcellular localization of porcine deltacoronavirus accessory protein NS6. <i>Virology</i> , 2016 , 499, 170-177	3.6	29
104	Carbon dots as inhibitors of virus by activation of type I interferon response. <i>Carbon</i> , 2016 , 110, 278-285	10.4	82
103	SILAC-based quantitative proteomic analysis of secretome of Marc-145 cells infected with porcine reproductive and respiratory syndrome virus. <i>Proteomics</i> , 2016 , 16, 2678-2687	4.8	7

102	Ubiquitin-specific Protease 15 Negatively Regulates Virus-induced Type I Interferon Signaling via Catalytically-dependent and -independent Mechanisms. <i>Scientific Reports</i> , 2015 , 5, 11220	4.9	39
101	Hypodermin A, a potential agent for prevention of allogeneic acute rejection. <i>Transplant Immunology</i> , 2015 , 33, 198-203	1.7	2
100	Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. <i>Virology</i> , 2015 , 485, 414-21	3.6	23
99	The nonstructural protein 11 of porcine reproductive and respiratory syndrome virus inhibits NF- κ B signaling by means of its deubiquitinating activity. <i>Molecular Immunology</i> , 2015 , 68, 357-66	4.3	26
98	Mutational analysis of the functional sites in porcine reproductive and respiratory syndrome virus non-structural protein 10. <i>Journal of General Virology</i> , 2015 , 96, 547-552	4.9	7
97	Probing the interactions of CdTe quantum dots with pseudorabies virus. <i>Scientific Reports</i> , 2015 , 5, 16403	3.9	20
96	Crystal structural basis for Rv0315, an immunostimulatory antigen and inactive beta-1,3-glucanase of <i>Mycobacterium tuberculosis</i> . <i>Scientific Reports</i> , 2015 , 5, 15073	4.9	7
95	Porcine Deltacoronavirus in Mainland China. <i>Emerging Infectious Diseases</i> , 2015 , 21, 2254-5	10.2	88
94	Evaluation of Biological Toxicity of CdTe Quantum Dots with Different Coating Reagents according to Protein Expression of Engineering <i>Escherichia coli</i> . <i>Journal of Nanomaterials</i> , 2015 , 2015, 1-7	3.2	4
93	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. <i>Antiviral Research</i> , 2015 , 120, 122-5	10.8	44
92	<i>Mycobacterium tuberculosis</i> Rv2185c contributes to nuclear factor- κ B activation. <i>Molecular Immunology</i> , 2015 , 66, 147-53	4.3	8
91	Proteome analysis of porcine epidemic diarrhea virus (PEDV)-infected Vero cells. <i>Proteomics</i> , 2015 , 15, 1819-28	4.8	48
90	Porcine reproductive and respiratory syndrome virus 3C protease cleaves the mitochondrial antiviral signalling complex to antagonize IFN- λ expression. <i>Journal of General Virology</i> , 2015 , 96, 3049-3058	4.9	26
89	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. <i>Virology</i> , 2014 , 468-470, 1-9	3.6	28
88	Molecular cloning and functional characterization of porcine DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41). <i>Developmental and Comparative Immunology</i> , 2014 , 47, 191-6	3.2	19
87	A novel firefly luciferase biosensor enhances the detection of apoptosis induced by ESAT-6 family proteins of <i>Mycobacterium tuberculosis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014 , 452, 1046-53	3.4	12
86	Label-free quantitative phosphoproteomic analysis reveals differentially regulated proteins and pathway in PRRSV-infected pulmonary alveolar macrophages. <i>Journal of Proteome Research</i> , 2014 , 13, 1270-80	5.6	29
85	Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 443, 1169-75	3.4	11

84	Rabies-virus-glycoprotein-pseudotyped recombinant baculovirus vaccine confers complete protection against lethal rabies virus challenge in a mouse model. <i>Veterinary Microbiology</i> , 2014 , 171, 93-101	3.3	14
83	A MYB coiled-coil transcription factor interacts with NSP2 and is involved in nodulation in <i>Lotus japonicus</i> . <i>New Phytologist</i> , 2014 , 201, 837-849	9.8	17
82	Hepatitis A virus 3C protease cleaves NEMO to impair induction of beta interferon. <i>Journal of Virology</i> , 2014 , 88, 10252-8	6.6	63
81	Porcine reproductive and respiratory syndrome virus infection activates NOD2-RIP2 signal pathway in MARC-145 cells. <i>Virology</i> , 2014 , 458-459, 162-71	3.6	25
80	Porcine reproductive and respiratory syndrome virus induces IL-1 β production depending on TLR4/MyD88 pathway and NLRP3 inflammasome in primary porcine alveolar macrophages. <i>Mediators of Inflammation</i> , 2014 , 2014, 403515	4.3	54
79	The Genomic and Pathogenic Characteristics of the Highly Pathogenic Porcine Reproductive and Respiratory Syndrome Virus Isolate WUH2. <i>ISRN Virology</i> , 2014 , 2014, 1-15		2
78	Quantitative proteomic analysis reveals that transmissible gastroenteritis virus activates the JAK-STAT1 signaling pathway. <i>Journal of Proteome Research</i> , 2014 , 13, 5376-90	5.6	37
77	Porcine epidemic diarrhea virus nucleocapsid protein antagonizes beta interferon production by sequestering the interaction between IRF3 and TBK1. <i>Journal of Virology</i> , 2014 , 88, 8936-45	6.6	126
76	Comparative genomic analyses of <i>Mycoplasma hyopneumoniae</i> pathogenic 168 strain and its high-passaged attenuated strain. <i>BMC Genomics</i> , 2013 , 14, 80	4.5	38
75	<i>Mycoplasma hyopneumoniae</i> -derived lipid-associated membrane proteins induce apoptosis in porcine alveolar macrophage via increasing nitric oxide production, oxidative stress, and caspase-3 activation. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 155, 155-61	2	42
74	Enhanced immunogenicity induced by an alphavirus replicon-based pseudotyped baculovirus vaccine against porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2013 , 187, 251-8	2.6	14
73	Porcine reproductive and respiratory syndrome virus infection activates IL-10 production through NF- κ B and p38 MAPK pathways in porcine alveolar macrophages. <i>Developmental and Comparative Immunology</i> , 2013 , 39, 265-72	3.2	67
72	Construction and immunogenicity of DNA vaccines encoding fusion protein of porcine IFN- α and GP5 gene of porcine reproductive and respiratory syndrome virus. <i>BioMed Research International</i> , 2013 , 2013, 318698	3	7
71	Complete genome sequence of a novel deletion porcine reproductive and respiratory syndrome virus strain. <i>Genome Announcements</i> , 2013 , 1,		9
70	MiR-125b reduces porcine reproductive and respiratory syndrome virus replication by negatively regulating the NF- κ B pathway. <i>PLoS ONE</i> , 2013 , 8, e55838	3.7	63
69	Ubiquitin-specific proteases 25 negatively regulates virus-induced type I interferon signaling. <i>PLoS ONE</i> , 2013 , 8, e80976	3.7	46
68	Immunogenicity of foot-and-mouth disease virus structural polyprotein P1 expressed in transgenic rice. <i>Journal of Virological Methods</i> , 2012 , 181, 12-7	2.6	17
67	Foot-and-mouth disease virus 3C protease cleaves NEMO to impair innate immune signaling. <i>Journal of Virology</i> , 2012 , 86, 9311-22	6.6	110

66	Induction of autophagy enhances porcine reproductive and respiratory syndrome virus replication. <i>Virus Research</i> , 2012 , 163, 650-5	6.4	36
65	Porcine reproductive and respiratory syndrome virus nonstructural protein 2 contributes to NF- κ B activation. <i>Virology Journal</i> , 2012 , 9, 83	6.1	42
64	Complete genome sequence of porcine epidemic diarrhea virus strain AJ1102 isolated from a suckling piglet with acute diarrhea in China. <i>Journal of Virology</i> , 2012 , 86, 10910-1	6.6	47
63	Comparative genomics of <i>Mycoplasma</i> : analysis of conserved essential genes and diversity of the pan-genome. <i>PLoS ONE</i> , 2012 , 7, e35698	3.7	40
62	dsDNA vaccine encoding the FMDV capsid precursor polypeptide P1 and the enhancing effect of bovine herpesvirus 1 VP22 protein as molecular adjuvant. <i>Acta Virologica</i> , 2012 , 56, 111-7	2.2	3
61	Complete genome sequence of a street rabies virus isolated from a rabid dog in China. <i>Journal of Virology</i> , 2012 , 86, 10890-1	6.6	8
60	Genome sequence of a highly prevalent porcine parvovirus in Mainland China. <i>Journal of Virology</i> , 2012 , 86, 1899	6.6	10
59	Complete genome sequence of a novel species of Porcine Bocavirus, PBoV5. <i>Journal of Virology</i> , 2012 , 86, 1286-7	6.6	30
58	Pathogenesis of nonsuppurative encephalitis caused by highly pathogenic Porcine reproductive and respiratory syndrome virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 2012 , 24, 767-71	1.5	10
57	Complete genome sequence of porcine kobuvirus strain WUH1. <i>Journal of Virology</i> , 2012 , 86, 7010	6.6	10
56	Complete genome sequence of porcine reproductive and respiratory syndrome virus isolated from piglet stool samples. <i>Journal of Virology</i> , 2012 , 86, 4040-1	6.6	4
55	Molecular cloning of the porcine RANTES promoter: functional characterization of dsDNA/dsRNA response elements in PK-15 cells. <i>Developmental and Comparative Immunology</i> , 2011 , 35, 345-51	3.2	1
54	Molecular cloning, expression and antiviral activity of porcine interleukin-29 (poIL-29). <i>Developmental and Comparative Immunology</i> , 2011 , 35, 378-84	3.2	18
53	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> , 2011 , 85, 3758-66	6.6	142
52	Porcine reproductive and respiratory syndrome virus (PRRSV) infection activates chemokine RANTES in MARC-145 cells. <i>Molecular Immunology</i> , 2011 , 48, 586-91	4.3	22
51	Foot-and-mouth disease virus (FMDV) leader proteinase negatively regulates the porcine interferon- β pathway. <i>Molecular Immunology</i> , 2011 , 49, 407-12	4.3	35
50	Microarray analyses of THP-1 cells infected with <i>Streptococcus suis</i> serotype 2. <i>Veterinary Microbiology</i> , 2011 , 150, 126-31	3.3	7
49	Development of a novel TaqMan-based real-time PCR assay for the detection of porcine boca-like virus (Pbo-likeV). <i>Virology Journal</i> , 2011 , 8, 357	6.1	19

48	Antiviral activity of type I and type III interferons against porcine reproductive and respiratory syndrome virus (PRRSV). <i>Antiviral Research</i> , 2011 , 91, 99-101	10.8	33
47	Protective immunity elicited by a pseudotyped baculovirus-mediated bivalent H5N1 influenza vaccine. <i>Antiviral Research</i> , 2011 , 92, 493-6	10.8	9
46	Activation of NF- κ B by nucleocapsid protein of the porcine reproductive and respiratory syndrome virus. <i>Virus Genes</i> , 2011 , 42, 76-81	2.3	32
45	Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced RANTES transcription in PK-15 cells. <i>Virus Genes</i> , 2011 , 42, 388-93	2.3	16
44	Construction and immunogenicity of a recombinant pseudotype baculovirus expressing the glycoprotein of rabies virus in mice. <i>Archives of Virology</i> , 2011 , 156, 753-8	2.6	11
43	Cellular membrane cholesterol is required for porcine reproductive and respiratory syndrome virus entry and release in MARC-145 cells. <i>Science China Life Sciences</i> , 2011 , 54, 1011-8	8.5	12
42	Understanding Streptococcus suis serotype 2 infection in pigs through a transcriptional approach. <i>BMC Genomics</i> , 2011 , 12, 253	4.5	19
41	Complete genome sequence of Mycoplasma hyopneumoniae strain 168. <i>Journal of Bacteriology</i> , 2011 , 193, 1016-7	3.5	39
40	Complete coding sequences and phylogenetic analysis of porcine bocavirus. <i>Journal of General Virology</i> , 2011 , 92, 784-8	4.9	51
39	Epidemiology and evolutionary characteristics of the porcine reproductive and respiratory syndrome virus in China between 2006 and 2010. <i>Journal of Clinical Microbiology</i> , 2011 , 49, 3175-83	9.7	64
38	Complete genome sequence of Mycoplasma hyorhinis strain HUB-1. <i>Journal of Bacteriology</i> , 2010 , 192, 5844-5	3.5	24
37	Molecular cloning and functional characterization of porcine DNA-dependent activator of IFN-regulatory factors (DAI). <i>Developmental and Comparative Immunology</i> , 2010 , 34, 293-9	3.2	9
36	Molecular cloning and functional characterization of porcine stimulator of interferon genes (STING). <i>Developmental and Comparative Immunology</i> , 2010 , 34, 847-54	3.2	16
35	Foot-and-mouth disease virus leader proteinase inhibits dsRNA-induced type I interferon transcription by decreasing interferon regulatory factor 3/7 in protein levels. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 399, 72-8	3.4	74
34	N-acetylpenicillamine inhibits the replication of porcine reproductive and respiratory syndrome virus in vitro. <i>Veterinary Research Communications</i> , 2010 , 34, 607-17	2.9	11
33	The genomic diversity of Chinese porcine reproductive and respiratory syndrome virus isolates from 1996 to 2009. <i>Veterinary Microbiology</i> , 2010 , 146, 226-37	3.3	47
32	Antitumor effects of a recombinant pseudotype baculovirus expressing Apoptin in vitro and in vivo. <i>International Journal of Cancer</i> , 2010 , 126, 2741-51	7.5	22
31	Enhanced immune response and protection efficacy of a DNA vaccine constructed by linkage of the Mycobacterium tuberculosis Ag85B-encoding gene with the BVP22-encoding gene. <i>Journal of Medical Microbiology</i> , 2009 , 58, 462-468	3.2	6

30	Recombination in vaccine and circulating strains of porcine reproductive and respiratory syndrome viruses. <i>Emerging Infectious Diseases</i> , 2009 , 15, 2032-5	10.2	95
29	Development of a vaccine vector based on a subgenomic replicon of porcine reproductive and respiratory syndrome virus. <i>Journal of Virological Methods</i> , 2009 , 160, 22-8	2.6	9
28	Immunization with pseudotype baculovirus expressing envelope protein of Japanese encephalitis virus elicits protective immunity in mice. <i>Journal of Gene Medicine</i> , 2009 , 11, 57-65	3.5	15
27	Immunization with pseudotype baculovirus expressing envelope protein of Japanese encephalitis virus elicits protective immunity in mice. <i>Journal of Gene Medicine</i> , 2009 , 11, 150-9	3.5	9
26	Efficient gene delivery into mammalian cells by recombinant baculovirus containing a hybrid cytomegalovirus promoter/Semliki Forest virus replicon. <i>Journal of Gene Medicine</i> , 2009 , 11, 1030-8	3.5	19
25	A suicidal DNA vaccine co-expressing two major membrane-associated proteins of porcine reproductive and respiratory syndrome virus antigens induce protective responses. <i>Biotechnology Letters</i> , 2009 , 31, 509-18	3	17
24	Transcriptional suppression of IE180 and TK promoters by the EP0 of pseudorabies virus strains Ea and Fa. <i>Virus Genes</i> , 2009 , 38, 269-75	2.3	6
23	Generation and immunogenicity of Japanese encephalitis virus envelope protein expressed in transgenic rice. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 292-7	3.4	28
22	Immunogenicity of the highly pathogenic porcine reproductive and respiratory syndrome virus GP5 protein encoded by a synthetic ORF5 gene. <i>Vaccine</i> , 2009 , 27, 1957-63	4.1	54
21	A pseudotype baculovirus-mediated vaccine confers protective immunity against lethal challenge with H5N1 avian influenza virus in mice and chickens. <i>Molecular Immunology</i> , 2009 , 46, 2210-7	4.3	45
20	Construction and immunogenicity of recombinant pseudotype baculovirus expressing the capsid protein of porcine circovirus type 2 in mice. <i>Journal of Virological Methods</i> , 2008 , 150, 21-6	2.6	44
19	Immunogenicity of porcine circovirus type 2 capsid protein targeting to different subcellular compartments. <i>Molecular Immunology</i> , 2008 , 45, 653-60	4.3	33
18	Porcine reproductive and respiratory syndrome virus (PRRSV) suppresses interferon-beta production by interfering with the RIG-I signaling pathway. <i>Molecular Immunology</i> , 2008 , 45, 2839-46	4.3	107
17	Molecular cloning and functional characterization of porcine IFN-beta promoter stimulator 1 (IPS-1). <i>Veterinary Immunology and Immunopathology</i> , 2008 , 125, 344-53	2	30
16	Genome biology of <i>Actinobacillus pleuropneumoniae</i> JL03, an isolate of serotype 3 prevalent in China. <i>PLoS ONE</i> , 2008 , 3, e1450	3.7	56
15	Construction and immune response characterization of a recombinant pseudorabies virus co-expressing capsid precursor protein (P1) and a multi-epitope peptide of foot-and-mouth disease virus in swine. <i>Virus Genes</i> , 2008 , 36, 393-400	2.3	11
14	Herpes simplex virus VP22 enhances adenovirus-mediated microdystrophin gene transfer to skeletal muscles in dystrophin-deficient (mdx) mice. <i>Human Gene Therapy</i> , 2007 , 18, 490-501	4.8	9
13	Enhanced effect of microdystrophin gene transfection by HSV-VP22 mediated intercellular protein transport. <i>BMC Neuroscience</i> , 2007 , 8, 50	3.2	9

12	Generation and immunogenicity of a recombinant pseudorabies virus expressing cap protein of porcine circovirus type 2. <i>Veterinary Microbiology</i> , 2007 , 119, 97-104	3.3	36
11	Construction and immunogenicity of recombinant pseudorabies virus expressing the modified GP5m protein of porcine reproduction and respiratory syndrome virus. <i>Frontiers of Biology in China: Selected Publications From Chinese Universities</i> , 2007 , 2, 85-91		
10	Immunogenicity and protective efficacy of recombinant pseudorabies virus expressing the two major membrane-associated proteins of porcine reproductive and respiratory syndrome virus. <i>Vaccine</i> , 2007 , 25, 547-60	4.1	68
9	Construction and immunogenicity of pseudotype baculovirus expressing GP5 and M protein of porcine reproductive and respiratory syndrome virus. <i>Vaccine</i> , 2007 , 25, 8220-7	4.1	42
8	C3d enhanced DNA vaccination induced humoral immune response to glycoprotein C of pseudorabies virus. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 347, 845-51	3.4	17
7	DNA vaccines co-expressing GP5 and M proteins of porcine reproductive and respiratory syndrome virus (PRRSV) display enhanced immunogenicity. <i>Vaccine</i> , 2006 , 24, 2869-79	4.1	57
6	Inhibition of Japanese encephalitis virus NS1 protein expression in cell by small interfering RNAs. <i>Virus Genes</i> , 2006 , 33, 69-75	2.3	14
5	Enhanced immunogenicity to food-and-mouth disease virus in mice vaccination with alphaviral replicon-based DNA vaccine expressing the capsid precursor polypeptide (P1). <i>Virus Genes</i> , 2006 , 33, 337-44	2.3	13
4	Enhanced immunogenicity of the modified GP5 of porcine reproductive and respiratory syndrome virus. <i>Virus Genes</i> , 2006 , 32, 5-11	2.3	38
3	Construction and characterization of a live, attenuated apxIIICA inactivation mutant of <i>Actinobacillus pleuropneumoniae</i> lacking a drug resistance marker. <i>FEMS Microbiology Letters</i> , 2005 , 243, 21-7	2.9	13
2	Comparison of immune responses and protective efficacy of suicidal DNA vaccine and conventional DNA vaccine encoding glycoprotein C of pseudorabies virus in mice. <i>Vaccine</i> , 2004 , 22, 345-51	4.1	46
1	Protection induced by intramuscular immunization with DNA vaccines of pseudorabies in mice, rabbits and piglets. <i>Vaccine</i> , 2002 , 20, 1205-14	4.1	36