Huanchun Chen

List of Publications by Citations

283 papers	4,259 citations	33 h-index	47 g-index
302 ext. papers	6,056 ext. citations	5.4 avg, IF	5.68 L-index

#	Paper	IF	Citations
283	A serological survey of SARS-CoV-2 in cat in Wuhan. *Emerging Microbes and Infections*, **2020**, 9, 2013-2019	18.9	139
282	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
281	Porcine Epidemic Diarrhea Virus 3C-Like Protease Regulates Its Interferon Antagonism by Cleaving NEMO. *Journal of Virology*, **2016**, 90, 2090-101	6.6	97
280	MicroRNA-15b Modulates Japanese Encephalitis Virus-Mediated Inflammation via Targeting RNF125. *Journal of Immunology*, **2015**, 195, 2251-62	5.3	77
279	MicroRNA-19b-3p Modulates Japanese Encephalitis Virus-Mediated Inflammation via Targeting RNF11. *Journal of Virology*, **2016**, 90, 4780-4795	6.6	71
278	Isolation, genomic characterization, and pathogenicity of a Chinese porcine deltacoronavirus strain CHN-HN-2014. *Veterinary Microbiology*, **2016**, 196, 98-106	3.3	68
277	Hepatitis A virus 3C protease cleaves NEMO to impair induction of beta interferon. *Journal of Virology*, **2014**, 88, 10252-8	6.6	63
276	Japanese Encephalitis Virus NS5 Inhibits Type I Interferon (IFN) Production by Blocking the Nuclear Translocation of IFN Regulatory Factor 3 and NF-B. *Journal of Virology*, **2017**, 91,	6.6	60
275	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
274	Apigenin restricts FMDV infection and inhibits viral IRES driven translational activity. *Viruses*, **2015**, 7, 1613-26	6.2	53
273	An NLRP3 inflammasome-triggered cytokine storm contributes to Streptococcal toxic shock-like syndrome (STSLS). *PLoS Pathogens*, **2019**, 15, e1007795	7.6	52
272	Roles of TLR3 and RIG-I in mediating the inflammatory response in mouse microglia following Japanese encephalitis virus infection. *Journal of Immunology Research*, **2014**, 2014, 787023	4.5	52
271	Seneca Valley Virus Suppresses Host Type I Interferon Production by Targeting Adaptor Proteins MAVS, TRIF, and TANK for Cleavage. *Journal of Virology*, **2017**, 91,	6.6	51
270	A Novel Human Acute Encephalitis Caused by Pseudorabies Virus Variant Strain. *Clinical Infectious Diseases*, **2021**, 73, e3690-e3700	11.6	51
269	Genome analysis and in vivo virulence of porcine extraintestinal pathogenic Escherichia coli strain PCN033. *BMC Genomics*, **2015**, 16, 717	4.5	50
268	Isolation and full-genome sequencing of Seneca Valley virus in piglets from China, 2016. *Virology Journal*, **2016**, 13, 173	6.1	49
267	Identification of cellular microRNA-136 as a dual regulator of RIG-I-mediated innate immunity that antagonizes H5N1 IAV replication in A549 cells. *Scientific Reports*, **2015**, 5, 14991	4.9	49

266	Etanercept reduces neuroinflammation and lethality in mouse model of Japanese encephalitis. *Journal of Infectious Diseases*, **2014**, 210, 875-89	7	48
265	Proteome analysis of porcine epidemic diarrhea virus (PEDV)-infected Vero cells. *Proteomics*, **2015**, 15, 1819-28	4.8	48
264	Prevalence study and genetic typing of bovine viral diarrhea virus (BVDV) in four bovine species in China. *PLoS ONE*, **2015**, 10, e0121718	3.7	45
263	Suppression of porcine reproductive and respiratory syndrome virus proliferation by glycyrrhizin. *Antiviral Research*, **2015**, 120, 122-5	10.8	44
262	Autophagy Promotes Replication of Influenza A Virus. *Journal of Virology*, **2019**, 93,	6.6	44
261	Effect of moisture content on greenhouse gas and NH emissions from pig manure converted by black soldier fly. *Science of the Total Environment*, **2019**, 697, 133840	10.2	42
260	FimH alleles direct preferential binding of Salmonella to distinct mammalian cells or to avian cells. *Microbiology (United Kingdom)*, **2009**, 155, 1623-1633	2.9	40
259	Q493K and Q498H substitutions in Spike promote adaptation of SARS-CoV-2 in mice. *EBioMedicine*, **2021**, 67, 103381	8.8	40
258	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
257	TRIM52 inhibits Japanese Encephalitis Virus replication by degrading the viral NS2A. *Scientific Reports*, **2016**, 6, 33698	4.9	39
256	Porcine deltacoronavirus (PDCoV) infection suppresses RIG-I-mediated interferon- production. *Virology*, **2016**, 495, 10-7	3.6	39
255	Contribution of porcine aminopeptidase N to porcine deltacoronavirus infection. *Emerging Microbes and Infections*, **2018**, 7, 65	18.9	38
254	MicroRNA-33a-5p Modulates Japanese Encephalitis Virus Replication by Targeting Eukaryotic Translation Elongation Factor 1A1. *Journal of Virology*, **2016**, 90, 3722-34	6.6	37
253	Pasteurella multocida: Genotypes and Genomics. *Microbiology and Molecular Biology Reviews*, **2019**, 83,	13.2	34
252	Identification of three antiviral inhibitors against Japanese encephalitis virus from library of pharmacologically active compounds 1280. *PLoS ONE*, **2013**, 8, e78425	3.7	34
251	Transmissible gastroenteritis virus infection induces NF-B activation through RLR-mediated signaling. *Virology*, **2017**, 507, 170-178	3.6	33
250	Influenza A virus protein PB1-F2 impairs innate immunity by inducing mitophagy. *Autophagy*, **2021**, 17, 496-511	10.2	33
249	Critical Role of K1685 and K1829 in the Large Protein of Rabies Virus in Viral Pathogenicity and Immune Evasion. *Journal of Virology*, **2016**, 90, 232-44	6.6	32

248	Construction of a highly efficient CRISPR/Cas9-mediated duck enteritis virus-based vaccine against H5N1 avian influenza virus and duck Tembusu virus infection. *Scientific Reports*, **2017**, 7, 1478	4.9	32
247	Influenza M2 protein regulates MAVS-mediated signaling pathway through interacting with MAVS and increasing ROS production. *Autophagy*, **2019**, 15, 1163-1181	10.2	32
246	14-Deoxy-11,12-dehydroandrographolide exerts anti-influenza A virus activity and inhibits replication of H5N1 virus by restraining nuclear export of viral ribonucleoprotein complexes. *Antiviral Research*, **2015**, 118, 82-92	10.8	31
245	Attenuated Mycoplasma bovis strains provide protection against virulent infection in calves. *Vaccine*, **2014**, 32, 3107-14	4.1	30
244	Mycoplasma bovis MBOV_RS02825 Encodes a Secretory Nuclease Associated with Cytotoxicity. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	30
243	Induction of VEGFA and Snail-1 by meningitic Escherichia coli mediates disruption of the blood-brain barrier. *Oncotarget*, **2016**, 7, 63839-63855	3.3	29
242	Swine TRIM21 restricts FMDV infection via an intracellular neutralization mechanism. *Antiviral Research*, **2016**, 127, 32-40	10.8	28
241	The two-component system NisK/NisR contributes to the virulence of Streptococcus suis serotype 2. *Microbiological Research*, **2014**, 169, 541-6	5.3	28
240	Porcine reproductive and respiratory syndrome virus infection triggers HMGB1 release to promote inflammatory cytokine production. *Virology*, **2014**, 468-470, 1-9	3.6	28
239	Cellular RNA Helicase DDX1 Is Involved in Transmissible Gastroenteritis Virus nsp14-Induced Interferon-Beta Production. *Frontiers in Immunology*, **2017**, 8, 940	8.4	28
238	Two Spx regulators modulate stress tolerance and virulence in Streptococcus suis serotype 2. *PLoS ONE*, **2014**, 9, e108197	3.7	28
237	Differential transcription profiles of long non-coding RNAs in primary human brain microvascular endothelial cells in response to meningitic Escherichia coli. *Scientific Reports*, **2016**, 6, 38903	4.9	28
236	Lab-Attenuated Rabies Virus Causes Abortive Infection and Induces Cytokine Expression in Astrocytes by Activating Mitochondrial Antiviral-Signaling Protein Signaling Pathway. *Frontiers in Immunology*, **2017**, 8, 2011	8.4	27
235	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
234	miR-206 modulates lipopolysaccharide-mediated inflammatory cytokine production in human astrocytes. *Cellular Signalling*, **2015**, 27, 61-8	4.9	26
233	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	4.8	26
232	Quantitative phosphoproteomic analysis identifies the critical role of JNK1 in neuroinflammation induced by Japanese encephalitis virus. *Science Signaling*, **2016**, 9, ra98	8.8	25
231	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

230	Identification and characterization of the chromosomal yefM-yoeB toxin-antitoxin system of Streptococcus suis. *Scientific Reports*, **2015**, 5, 13125	4.9	25
229	Immunoproteomic identification of MbovP579, a promising diagnostic biomarker for serological detection of Mycoplasma bovis infection. *Oncotarget*, **2016**, 7, 39376-39395	3.3	24
228	Porcine bocavirus NP1 negatively regulates interferon signaling pathway by targeting the DNA-binding domain of IRF9. *Virology*, **2015**, 485, 414-21	3.6	23
227	The CpxA/CpxR Two-Component System Affects Biofilm Formation and Virulence in. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 72	5.9	23
226	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
225	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
224	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
223	TRIM52: A nuclear TRIM protein that positively regulates the nuclear factor-kappa B signaling pathway. *Molecular Immunology*, **2017**, 82, 114-122	4.3	22
222	Epidemiological and genetic characteristics of swine pseudorabies virus in mainland China between 2012 and 2017. *PeerJ*, **2018**, 6, e5785	3.1	22
221	Genetic and Phylogenetic Characteristics of Isolates From Different Host Species. *Frontiers in Microbiology*, **2018**, 9, 1408	5.7	21
220	Seneca Valley virus 2C and 3C inhibit type I interferon production by inducing the degradation of RIG-I. *Virology*, **2019**, 535, 122-129	3.6	21
219	A Novel Rabies Vaccine Expressing CXCL13 Enhances Humoral Immunity by Recruiting both T Follicular Helper and Germinal Center B Cells. *Journal of Virology*, **2017**, 91,	6.6	21
218	Carrageenan P32 Is a Potent Inhibitor of Rabies Virus Infection. *PLoS ONE*, **2015**, 10, e0140586	3.7	21
217	Seneca Valley Virus 2C and 3C Induce Apoptosis via Mitochondrion-Mediated Intrinsic Pathway. *Frontiers in Microbiology*, **2019**, 10, 1202	5.7	20
216	TREM-1 signaling promotes host defense during the early stage of infection with highly pathogenic Streptococcus suis. *Infection and Immunity*, **2015**, 83, 3293-301	3.7	20
215	Swine interferon-induced transmembrane protein, sIFITM3, inhibits foot-and-mouth disease virus infection in vitro and in vivo. *Antiviral Research*, **2014**, 109, 22-9	10.8	20
214	Actinobacillus pleuropneumoniae two-component system QseB/QseC regulates the transcription of PilM, an important determinant of bacterial adherence and virulence. *Veterinary Microbiology*, **2015**, 177, 184-92	3.3	19
213	Efficient strategy for constructing duck enteritis virus-based live attenuated vaccine against homologous and heterologous H5N1 avian influenza virus and duck enteritis virus infection. *Veterinary Research*, **2015**, 46, 42	3.8	19

212	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
211	MicroRNA-22 negatively regulates poly(I:C)-triggered type I interferon and inflammatory cytokine production via targeting mitochondrial antiviral signaling protein (MAVS). *Oncotarget*, **2016**, 7, 76667-76683	5.3	19
210	The preclinical inhibitor GS441524 in combination with GC376 efficaciously inhibited the proliferation of SARS-CoV-2 in the mouse respiratory tract. *Emerging Microbes and Infections*, **2021**, 10, 481-492	18.9	19
209	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
208	Contribution of NADH oxidase to oxidative stress tolerance and virulence of Streptococcus suis serotype 2. *Virulence*, **2017**, 8, 53-65	4.7	18
207	Overexpression of Interleukin-7 Extends the Humoral Immune Response Induced by Rabies Vaccination. *Journal of Virology*, **2017**, 91,	6.6	18
206	Artemisinin inhibits the replication of flaviviruses by promoting the type I interferon production. *Antiviral Research*, **2020**, 179, 104810	10.8	18
205	Genomic characterization of Pasteurella multocida HB01, a serotype A bovine isolate from China. *Gene*, **2016**, 581, 85-93	3.8	18
204	Activation of neuronal N-methyl-D-aspartate receptor plays a pivotal role in Japanese encephalitis virus-induced neuronal cell damage. *Journal of Neuroinflammation*, **2018**, 15, 238	10.1	18
203	Virus-like particles of chimeric recombinant porcine circovirus type 2 as antigen vehicle carrying foreign epitopes. *Viruses*, **2014**, 6, 4839-55	6.2	18
202	Roles of Hcp family proteins in the pathogenesis of the porcine extraintestinal pathogenic Escherichia coli type VI secretion system. *Scientific Reports*, **2016**, 6, 26816	4.9	18
201	The Downregulation of MicroRNA hsa-miR-340-5p in IAV-Infected A549 Cells Suppresses Viral Replication by Targeting RIG-I and OAS2. *Molecular Therapy - Nucleic Acids*, **2019**, 14, 509-519	10.7	18
200	Effect of the glycosyltransferases on the capsular polysaccharide synthesis of Streptococcus suis serotype 2. *Microbiological Research*, **2016**, 185, 45-54	5.3	17
199	Characteristics of Carbapenem-Resistant and Colistin-Resistant Co-Producing NDM-1 and MCR-1 from Pig Farms in China. *Microorganisms*, **2019**, 7,	4.9	17
198	Comparative Proteomics Analysis of Human Macrophages Infected with Virulent. *Frontiers in Cellular and Infection Microbiology*, **2017**, 7, 65	5.9	17
197	A Novel Tail-Associated O91-Specific Polysaccharide Depolymerase from a Podophage Reveals Lytic Efficacy of Shiga Toxin-Producing Escherichia coli. *Applied and Environmental Microbiology*, **2020**, 86,	4.8	16
196	A novel antiviral lncRNA, EDAL, shields a T309 O-GlcNAcylation site to promote EZH2 lysosomal degradation. *Genome Biology*, **2020**, 21, 228	18.3	16
195	Transcriptional regulation of miR-15b by c-Rel and CREB in Japanese encephalitis virus infection. *Scientific Reports*, **2016**, 6, 22581	4.9	16

194	Seneca Valley virus attachment and uncoating mediated by its receptor anthrax toxin receptor 1. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 13087-13092	11.5	16
193	Enhanced protective immunity to CSFV E2 subunit vaccine by using IFN-as immunoadjuvant in weaning piglets. *Vaccine*, **2018**, 36, 7353-7360	4.1	16
192	Integrin V3 promotes infection by Japanese encephalitis virus. *Research in Veterinary Science*, **2017**, 111, 67-74	2.5	15
191	A novel subunit vaccine co-expressing GM-CSF and PCV2b Cap protein enhances protective immunity against porcine circovirus type 2 in piglets. *Vaccine*, **2015**, 33, 2449-56	4.1	15
190	Ivermectin Inhibits Bovine Herpesvirus 1 DNA Polymerase Nuclear Import and Interferes with Viral Replication. *Microorganisms*, **2020**, 8,	4.9	15
189	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
188	Mycobacterium bovis and BCG induce different patterns of cytokine and chemokine production in dendritic cells and differentiation patterns in CD4+ T cells. *Microbiology (United Kingdom)*, **2013**, 159, 366-379	2.9	15
187	SARS-CoV-2 rapidly adapts in aged BALB/c mice and induces typical pneumonia. *Journal of Virology*, **2021**,	6.6	15
186	Molecular cloning and functional characterization of duck mitochondrial antiviral-signaling protein (MAVS). *Developmental and Comparative Immunology*, **2016**, 56, 1-6	3.2	14
185	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
184	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
183	Establishment of an antibody avidity test to differentiate vaccinated cattle from those naturally infected with Mycoplasma bovis. *Veterinary Journal*, **2015**, 203, 79-84	2.5	14
182	Live Attenuated Vaccine Based on Duck Enteritis Virus against Duck Hepatitis A Virus Types 1 and 3. *Frontiers in Microbiology*, **2016**, 7, 1613	5.7	14
181	14-Deoxy-11,12-didehydroandrographolide attenuates excessive inflammatory responses and protects mice lethally challenged with highly pathogenic A(H5N1) influenza viruses. *Antiviral Research*, **2016**, 133, 95-105	10.8	14
180	The Japanese Encephalitis Virus NS1RProtein Inhibits Type I IFN Production by Targeting MAVS. *Journal of Immunology*, **2020**, 204, 1287-1298	5.3	13
179	A capsule/lipopolysaccharide/MLST genotype D/L6/ST11 of Pasteurella multocida is likely to be strongly associated with swine respiratory disease in China. *Archives of Microbiology*, **2018**, 200, 107-118	3	13
178	Structure-based discovery of two antiviral inhibitors targeting the NS3 helicase of Japanese encephalitis virus. *Scientific Reports*, **2016**, 6, 34550	4.9	13
177	Recombinant pseudorabies virus expressing P12A and 3C of FMDV can partially protect piglets against FMDV challenge. *Research in Veterinary Science*, **2011**, 91, 90-94	2.5	13

176	The influence on carbon, nitrogen recycling, and greenhouse gas emissions under different C/N ratios by black soldier fly. *Environmental Science and Pollution Research*, **2020**, 27, 42767-42777	5.1	13
175	Proteome analysis of Duck Tembusu virus (DTMUV)-infected BHK-21 cells. *Proteomics*, **2017**, 17, 1700033	4.8	12
174	Characterization of multiple type-VI secretion system (T6SS) VgrG proteins in the pathogenicity and antibacterial activity of porcine extra-intestinal pathogenic Escherichia coli. *Virulence*, **2019**, 10, 118-132	4.7	12
173	Isolation of a T7-Like Lytic Bacteriophage vB_PmuP_PHB01 and Its Potential Use in Therapy against Infections. *Viruses*, **2019**, 11,	6.2	12
172	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
171	Haemophilus parasuis CpxRA two-component system confers bacterial tolerance to environmental stresses and macrolide resistance. *Microbiological Research*, **2018**, 206, 177-185	5.3	12
170	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
169	Microarray Analysis Identifies the Potential Role of Long Non-Coding RNA in Regulating Neuroinflammation during Japanese Encephalitis Virus Infection. *Frontiers in Immunology*, **2017**, 8, 1237	8.4	12
168	Catecholamines promote Actinobacillus pleuropneumoniae growth by regulating iron metabolism. *PLoS ONE*, **2015**, 10, e0121887	3.7	12
167	A serological survey of severe acute respiratory syndrome coronavirus 2 in dogs in Wuhan. *Transboundary and Emerging Diseases*, **2021**,	4.2	12
166	A Subunit Vaccine Based on E2 Protein of Atypical Porcine Pestivirus Induces Th2-type Immune Response in Mice. *Viruses*, **2018**, 10,	6.2	12
165	The manganese efflux system MntE contributes to the virulence of Streptococcus suis serotype 2. *Microbial Pathogenesis*, **2017**, 110, 23-30	3.8	11
164	Experimental pathogenicity and complete genome characterization of a pig origin Pasteurella multocida serogroup F isolate HN07. *Veterinary Microbiology*, **2017**, 198, 23-33	3.3	11
163	Draft Genome Sequence of Hypervirulent and Vaccine Candidate Streptococcus suis Strain SC19. *Genome Announcements*, **2017**, 5,		11
162	Construction, characterization and evaluation of the protective efficacy of the Streptococcus suis double mutant strain ΔsPep/ΔsPspC as a live vaccine candidate in mice. *Microbiological Research*, **2015**, 170, 87-94	5.3	11
161	Sus scrofa miR-204 and miR-4331 Negatively Regulate Swine H1N1/2009 Influenza A Virus Replication by Targeting Viral HA and NS, Respectively. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	11
160	Molecular cloning, functional characterization and antiviral activity of porcine DDX3X. *Biochemical and Biophysical Research Communications*, **2014**, 443, 1169-75	3.4	11
159	Construction and immune efficacy of recombinant pseudorabies virus expressing PrM-E proteins of Japanese encephalitis virus genotype □*Virology Journal*, **2015**, 12, 214	6.1	11

158	circ_2858 Helps Blood-Brain Barrier Disruption by Increasing VEGFA via Sponging miR-93-5p during Meningitis. *Molecular Therapy - Nucleic Acids*, **2020**, 22, 708-721	10.7	11
157	Circular RNA Transcriptomic Analysis of Primary Human Brain Microvascular Endothelial Cells Infected with Meningitic Escherichia coli. *Molecular Therapy - Nucleic Acids*, **2018**, 13, 651-664	10.7	11
156	Genetic and phylogenetic analysis of feline calicivirus isolates in China. *Veterinary Journal*, **2017**, 220, 24-27	2.5	10
155	Isolation and characterization of a novel temperate bacteriophage from gut-associated Escherichia within black soldier fly larvae (Hermetia illucens L. [Diptera: Stratiomyidae]). *Archives of Virology*, **2019**, 164, 2277-2284	2.6	10
154	Evaluation of the protective efficacy of four novel identified membrane associated proteins of Streptococcus suis serotype 2. *Vaccine*, **2015**, 33, 2254-2260	4.1	10
153	Analysis Highlights the Diversity and Novelty of Circular Bacteriocins in Sequenced Microbial Genomes. *MSystems*, **2020**, 5,	7.6	10
152	Specific Integration of Temperate Phage Decreases the Pathogenicity of Host Bacteria. *Frontiers in Cellular and Infection Microbiology*, **2020**, 10, 14	5.9	10
151	The VraSR regulatory system contributes to virulence in Streptococcus suis via resistance to innate immune defenses. *Virulence*, **2018**, 9, 771-782	4.7	10
150	Fisetin Lowers serotype 2 Pathogenicity in Mice by Inhibiting the Hemolytic Activity of Suilysin. *Frontiers in Microbiology*, **2018**, 9, 1723	5.7	10
149	Tissue inhibitor of metalloproteinases 1, a novel biomarker of tuberculosis. *Molecular Medicine Reports*, **2017**, 15, 483-487	2.9	10
148	Selective autophagy receptor SQSTM1/ p62 inhibits Seneca Valley virus replication by targeting viral VP1 and VP3. *Autophagy*, **2021**, 17, 3763-3775	10.2	10
147	Seneca Valley Virus 3C Protease Induces Pyroptosis by Directly Cleaving Porcine Gasdermin D. *Journal of Immunology*, **2021**,	5.3	10
146	Epidemiological and genetic characteristics of porcine reproductive and respiratory syndrome virus circulating in central and South China in 2016. *Acta Tropica*, **2019**, 190, 83-91	3.2	10
145	Transactivated Epidermal Growth Factor Receptor Recruitment of α-actinin-4 From F-actin Contributes to Invasion of Brain Microvascular Endothelial Cells by Meningitic. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 448	5.9	10
144	Japanese Encephalitis Virus NS1′Protein Antagonizes Interferon Beta Production. *Virologica Sinica*, **2018**, 33, 515-523	6.4	10
143	Genome characterization of Pasteurella multocida subspecies septica and comparison with Pasteurella multocida subspecies multocida and gallicida. *Archives of Microbiology*, **2017**, 199, 635-640	3	9
142	Toll-Like Receptor 7 Enhances Rabies Virus-Induced Humoral Immunity by Facilitating the Formation of Germinal Centers. *Frontiers in Immunology*, **2019**, 10, 429	8.4	9
141	Insights into leghorn male hepatocellular cells response to fowl adenovirus serotype 4 infection by transcriptome analysis. *Veterinary Microbiology*, **2018**, 214, 65-74	3.3	9

140	Complete genome sequence and characterization of avian pathogenic Escherichia coli field isolate ACN001. *Standards in Genomic Sciences*, **2016**, 11, 13		9
139	Haemophilus parasuis Β2,3-sialyltransferase-mediated lipooligosaccharide sialylation contributes to bacterial pathogenicity. *Virulence*, **2018**, 9, 1247-1262	4.7	9
138	Predominance of Streptococcus suis ST1 and ST7 in human cases in China, and detection of a novel sequence type, ST658. *Virulence*, **2017**, 8, 1031-1035	4.7	9
137	Comparison of the Pathogenicity of Two Different Branches of Senecavirus a Strain in China. *Pathogens*, **2020**, 9,	4.5	9
136	Seneca Valley Virus 3C Protease Inhibits Stress Granule Formation by Disrupting eIF4GI-G3BP1 Interaction. *Frontiers in Immunology*, **2020**, 11, 577838	8.4	9
135	Polyphosphate Kinase Mediates Antibiotic Tolerance in Extraintestinal Pathogenic Escherichia coli PCN033. *Frontiers in Microbiology*, **2016**, 7, 724	5.7	9
134	The Nucleolar Protein LYAR Facilitates Ribonucleoprotein Assembly of Influenza A Virus. *Journal of Virology*, **2018**, 92,	6.6	9
133	Proteome Response of Chicken Embryo Fibroblast Cells to Recombinant H5N1 Avian Influenza Viruses with Different Neuraminidase Stalk Lengths. *Scientific Reports*, **2017**, 7, 40698	4.9	8
132	Binding of Fibronectin to SsPepO Facilitates the Development of Streptococcus suis Meningitis. *Journal of Infectious Diseases*, **2018**, 217, 973-982	7	8
131	Plasmid-mediated multidrug resistance and virulence in an avian pathogenic Escherichia coli strain isolated in China. *Journal of Global Antimicrobial Resistance*, **2014**, 2, 57-58	3.4	8
130	Functional characterization of duck LSm14A in IFN-β induction. *Developmental and Comparative Immunology*, **2017**, 76, 255-261	3.2	8
129	Comparative Genomics of a Bovine Isolate and Other Strains Reveals Its Potential Mechanism of Bovine Adaptation. *Frontiers in Microbiology*, **2017**, 8, 2500	5.7	8
128	Mycobacterium tuberculosis Rv2185c contributes to nuclear factor-κB activation. *Molecular Immunology*, **2015**, 66, 147-53	4.3	8
127	Recombinant rabies virus expressing IL-21 enhances immunogenicity through activation of T follicular helper cells and germinal centre B cells. *Journal of General Virology*, **2016**, 97, 3154-3160	4.9	8
126	Non-coding RNAs: the extensive and interactive regulators of the blood-brain barrier permeability. *RNA Biology*, **2021**, 1-9	4.8	8
125	Decrease of miR-19b-3p in Brain Microvascular Endothelial Cells Attenuates Meningitic -Induced Neuroinflammation via TNFAIP3-Mediated NF-κB Inhibition. *Pathogens*, **2019**, 8,	4.5	8
124	Efficient bioconversion of organic wastes to value-added chemicals by soaking, black soldier fly (Hermetia illucens L.) and anaerobic fermentation. *Journal of Environmental Management*, **2018**, 227, 267-276	7.9	8
123	Calves Infected with Virulent and Attenuated Strains Have Upregulated Th17 Inflammatory and Th1 Protective Responses, Respectively. *Genes*, **2019**, 10,	4.2	7

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13	miR-495 Regulates Cellular Reactive Oxygen Species Levels by Targeting To Inhibit Intracellular Survival of Mycobacterium tuberculosis in Macrophages. *Infection and Immunity*, **2021**, 89, e0031521	3.7	0
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2	Genetic characterization of atypical porcine pestivirus from neonatal piglets with congenital tremor in Hubei province, China.. *Virology Journal*, **2022**, 19, 51	6.1	
1	Correction for Tan et al., "Trypsin-Enhanced Infection with Porcine Epidemic Diarrhea Virus Is Determined by the S2 Subunit of the Spike Glycoprotein".. *Journal of Virology*, **2022**, e0040522	6.6	