

Qigai He

List of Publications by Year in descending order

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85
papers

2,964
citations

230014

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docs citations

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3336
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#	ARTICLE	IF	CITATIONS
1	The construction and immunogenicity analyses of a recombinant pseudorabies virus with porcine circovirus type 3 capsid protein co-expression. <i>Veterinary Microbiology</i> , 2022, 264, 109283.	0.8	6
2	Levistolide A Inhibits PEDV Replication via Inducing ROS Generation. <i>Viruses</i> , 2022, 14, 258.	1.5	3
3	Campylobacter jejuni Cytolethal Distending Toxin Induces GSDME-Dependent Pyroptosis in Colonic Epithelial Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 853204.	1.8	8
4	Development and evaluation of polyclonal antibodies based antigen capture ELISA for detection of porcine rotavirus. <i>Animal Biotechnology</i> , 2022, , 1-8.	0.7	0
5	Tembusu Virus Nonstructural Protein 2B Antagonizes Type I Interferon Production by Targeting MAVS for Degradation. <i>Journal of Virology</i> , 2022, 96, .	1.5	6
6	The epidemiological investigation of co-infection of major respiratory bacteria with pseudorabies virus in intensive pig farms in China. <i>Veterinary Medicine and Science</i> , 2021, 7, 175-183.	0.6	6
7	Investigation of morphological changes of HPS membrane caused by cecropin B through scanning electron microscopy and atomic force microscopy. <i>Journal of Veterinary Science</i> , 2021, 22, e59.	0.5	3
8	Isolation and genetic characteristics of a neurotropic teschovirus variant belonging to genotype 1 in northeast China. <i>Archives of Virology</i> , 2021, 166, 1355-1370.	0.9	3
9	A new strategy to develop pseudorabies virus-based bivalent vaccine with high immunogenicity of porcine circovirus type 2. <i>Veterinary Microbiology</i> , 2021, 255, 109022.	0.8	6
10	Recombinant Pseudorabies Virus with TK/gE Gene Deletion and Flt3L Co-Expression Enhances the Innate and Adaptive Immune Response via Activating Dendritic Cells. <i>Viruses</i> , 2021, 13, 691.	1.5	6
11	Three novel immunogenic proteins determined through 2-Dimensional electrophoresis and mass spectrometry with immune serum confer protection against challenge with porcine <i>Pasteurella multocida</i> in mouse models. <i>Research in Veterinary Science</i> , 2021, 136, 303-309.	0.9	4
12	Untargeted LC-MS based metabolomic profiling of iPAMs to investigate lipid metabolic pathways alternations induced by different Pseudorabies virus strains. <i>Veterinary Microbiology</i> , 2021, 256, 109041.	0.8	7
13	Porcine circovirus type 2 infection activates NF- κ B pathway and cellular inflammatory responses through circPDCD4/miR-21/PDCD4 axis in porcine kidney 15 cell. <i>Virus Research</i> , 2021, 298, 198385.	1.1	5
14	Duck Tembusu Virus Infection Promotes the Expression of Duck Interferon-Induced Protein 35 to Counteract RIG-I Antiviral Signaling in Duck Embryo Fibroblasts. <i>Frontiers in Immunology</i> , 2021, 12, 711517.	2.2	7
15	Development of an indirect immunofluorescence assay for PCV3 antibody detection based on capsid protein. <i>Animal Diseases</i> , 2021, 1, .	0.6	4
16	Acanthopanax senticosus polysaccharide-loaded calcium carbonate nanoparticle as an adjuvant to enhance porcine parvovirus vaccine immune responses. <i>Medicine in Drug Discovery</i> , 2021, 11, 100094.	2.3	2
17	Construction of a Recombinant Porcine Epidemic Diarrhea Virus Encoding Nanoluciferase for High-Throughput Screening of Natural Antiviral Products. <i>Viruses</i> , 2021, 13, 1866.	1.5	6
18	Deletion of the crp gene affects the virulence and the activation of the NF- κ B and MAPK signaling pathways in PK-15 and iPAM cells derived from <i>G. parasuis</i> serovar 5. <i>Veterinary Microbiology</i> , 2021, 261, 109198.	0.8	5

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19	Quercetin as an antiviral agent inhibits the Pseudorabies virus in vitro and in vivo. <i>Virus Research</i> , 2021, 305, 198556.	1.1	23
20	Differential expression and correlation analysis of miRNA-mRNA profiles in swine testicular cells infected with porcine epidemic diarrhea virus. <i>Scientific Reports</i> , 2021, 11, 1868.	1.6	11
21	Biomimetic amphiphilic FAAP NPs nanoparticles: Synthesis, characterization and antivirus activity. <i>International Immunopharmacology</i> , 2021, 101, 108047.	1.7	0
22	Macrophage immunomodulatory activity of <i>Acanthopanax senticosus</i> polysaccharide nanoemulsion via activation of P65/JNK/IKK β signaling pathway and regulation of Th1/Th2 Cytokines. <i>PeerJ</i> , 2021, 9, e12575.	0.9	1
23	Establishment of a Blocking ELISA Detection Method for Against African Swine Fever Virus p30 Antibody. <i>Frontiers in Veterinary Science</i> , 2021, 8, 781373.	0.9	21
24	Genetic manipulation of porcine deltacoronavirus reveals insights into NS6 and NS7 functions: a novel strategy for vaccine design. <i>Emerging Microbes and Infections</i> , 2020, 9, 20-31.	3.0	27
25	Inhibition of Porcine Epidemic Diarrhea Virus Replication and Viral 3C-Like Protease by Quercetin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8095.	1.8	26
26	Effect of cAMP Receptor Protein Gene on Growth Characteristics and Stress Resistance of <i>Haemophilus parasuis</i> Serovar 5. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 19.	1.8	10
27	Prevalence and antimicrobial susceptibilities of bacterial pathogens in Chinese pig farms from 2013 to 2017. <i>Scientific Reports</i> , 2019, 9, 9908.	1.6	55
28	Establishment and application of a multiplex RT-PCR to differentiate wild-type and vaccine strains of porcine epidemic diarrhea virus. <i>Journal of Virological Methods</i> , 2019, 272, 113684.	1.0	7
29	Antibiotic Resistance Profiles of Salmonella Recovered From Finishing Pigs and Slaughter Facilities in Henan, China. <i>Frontiers in Microbiology</i> , 2019, 10, 1513.	1.5	50
30	Antiviral activity of Piscidin 1 against pseudorabies virus both in vitro and in vivo. <i>Virology Journal</i> , 2019, 16, 95.	1.4	23
31	Systematic mutational analysis of human neutrophil α -defensin HNP4. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 835-844.	1.4	11
32	Resistant cutoff values and optimal scheme establishments for florfenicol against <i>Escherichia coli</i> with PK- β modeling analysis in pigs. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2019, 42, 324-335.	0.6	3
33	The AI-2/luxS Quorum Sensing System Affects the Growth Characteristics, Biofilm Formation, and Virulence of <i>Haemophilus parasuis</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 62.	1.8	42
34	PCV2 Regulates Cellular Inflammatory Responses through Dysregulating Cellular miRNA-mRNA Networks. <i>Viruses</i> , 2019, 11, 1055.	1.5	11
35	Development and application of an antibody detection ELISA for <i>Haemophilus parasuis</i> based on a monomeric autotransporter passenger domain. <i>BMC Veterinary Research</i> , 2019, 15, 436.	0.7	4
36	Transmissible Gastroenteritis Virus Infection Up-Regulates FcRn Expression via Nucleocapsid Protein and Secretion of TGF- β 2 in Porcine Intestinal Epithelial Cells. <i>Frontiers in Microbiology</i> , 2019, 10, 3085.	1.5	18

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37	Haemophilus parasuis infection activates NOD1/2-RIP2 signaling pathway in PK-15 cells. <i>Developmental and Comparative Immunology</i> , 2018, 79, 158-165.	1.0	12
38	Caerin1.1 Suppresses the Growth of Porcine Epidemic Diarrhea Virus In Vitro via Direct Binding to the Virus. <i>Viruses</i> , 2018, 10, 507.	1.5	13
39	Co-infection with porcine bocavirus and porcine circovirus 2 affects inflammatory cytokine production and tight junctions of IPEC-J2 cells. <i>Virus Genes</i> , 2018, 54, 684-693.	0.7	6
40	The Accessory Protein ORF3 Contributes to Porcine Epidemic Diarrhea Virus Replication by Direct Binding to the Spike Protein. <i>Viruses</i> , 2018, 10, 399.	1.5	33
41	PK-PD Integration Modeling and Cutoff Value of Florfenicol against <i>Streptococcus suis</i> in Pigs. <i>Frontiers in Pharmacology</i> , 2018, 9, 2.	1.6	30
42	Evaluation of Marbofloxacin in Beagle Dogs After Oral Dosing: Preclinical Safety Evaluation and Comparative Pharmacokinetics of Two Different Tablets. <i>Frontiers in Pharmacology</i> , 2018, 9, 306.	1.6	4
43	Cellular hnRNP A1 Interacts with Nucleocapsid Protein of Porcine Epidemic Diarrhea Virus and Impairs Viral Replication. <i>Viruses</i> , 2018, 10, 127.	1.5	23
44	Comparative Pharmacokinetics and Preliminary Pharmacodynamics Evaluation of Piscidin 1 Against PRV and PEDV in Rats. <i>Frontiers in Chemistry</i> , 2018, 6, 244.	1.8	11
45	Optimal Regimens and Cutoff Evaluation of Tildipirosin Against <i>Pasteurella multocida</i> . <i>Frontiers in Pharmacology</i> , 2018, 9, 765.	1.6	13
46	The pharmacokinetic-pharmacodynamic modeling and cut-off values of tildipirosin against <i>Haemophilus parasuis</i> . <i>Oncotarget</i> , 2018, 9, 1673-1690.	0.8	13
47	Complete Genome Sequence of a Novel Porcine Circovirus Type 3 Strain, PCV3/CN/Hubei-618/2016, Isolated from China. <i>Genome Announcements</i> , 2017, 5, .	0.8	31
48	Development and Validation of Monoclonal Antibody-Based Antigen Capture ELISA for Detection of Group A Porcine Rotavirus. <i>Viral Immunology</i> , 2017, 30, 264-270.	0.6	9
49	Aminopeptidase N is not required for porcine epidemic diarrhea virus cell entry. <i>Virus Research</i> , 2017, 235, 6-13.	1.1	74
50	Identification and genetic characterization of porcine circovirus type 3 in China. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 703-708.	1.3	171
51	Clinical Efficacy and Residue Depletion of 10% Enrofloxacin Enteric-Coated Granules in Pigs. <i>Frontiers in Pharmacology</i> , 2017, 8, 294.	1.6	15
52	Pharmacokinetic and Pharmacodynamic Evaluation of Marbofloxacin and PK/PD Modeling against <i>Escherichia coli</i> in Pigs. <i>Frontiers in Pharmacology</i> , 2017, 8, 542.	1.6	21
53	PK-PD Analysis of Marbofloxacin against <i>Streptococcus suis</i> in Pigs. <i>Frontiers in Pharmacology</i> , 2017, 8, 856.	1.6	7
54	Evaluation of Bioequivalence of Two Long-Acting 20% Oxytetracycline Formulations in Pigs. <i>Frontiers in Veterinary Science</i> , 2017, 4, 61.	0.9	13

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55	Porcine Epidemic Diarrhea Virus Induces Autophagy to Benefit Its Replication. <i>Viruses</i> , 2017, 9, 53.	1.5	65
56	Coinfection with <i>Haemophilus parasuis</i> serovar 4 increases the virulence of porcine circovirus type 2 in piglets. <i>Virology Journal</i> , 2017, 14, 227.	1.4	21
57	Identification and Comparison of Receptor Binding Characteristics of the Spike Protein of Two Porcine Epidemic Diarrhea Virus Strains. <i>Viruses</i> , 2016, 8, 55.	1.5	87
58	Comparative Proteome Analysis of Porcine Jejunum Tissues in Response to a Virulent Strain of Porcine Epidemic Diarrhea Virus and Its Attenuated Strain. <i>Viruses</i> , 2016, 8, 323.	1.5	32
59	A CRISPR/Cas9 and Cre/Lox system-based express vaccine development strategy against re-emerging Pseudorabies virus. <i>Scientific Reports</i> , 2016, 6, 19176.	1.6	63
60	Growth characteristics and complete genomic sequence analysis of a novel pseudorabies virus in China. <i>Virus Genes</i> , 2016, 52, 474-483.	0.7	24
61	The antiviral activity of arctigenin in traditional Chinese medicine on porcine circovirus type 2. <i>Research in Veterinary Science</i> , 2016, 106, 159-164.	0.9	44
62	Genetic characteristics of porcine epidemic diarrhea virus in Chinese mainland, revealing genetic markers of classical and variant virulent parental/attenuated strains. <i>Gene</i> , 2016, 588, 95-102.	1.0	12
63	TGEV infection up-regulates FcRn expression via activation of NF- κ B signaling. <i>Scientific Reports</i> , 2016, 6, 32154.	1.6	31
64	Cellular entry of the porcine epidemic diarrhea virus. <i>Virus Research</i> , 2016, 226, 117-127.	1.1	128
65	Neonatal Fc Receptor-Mediated IgG Transport Across Porcine Intestinal Epithelial Cells: Potentially Provide the Mucosal Protection. <i>DNA and Cell Biology</i> , 2016, 35, 301-309.	0.9	12
66	Complete Genome Sequence of Novel Pseudorabies Virus Strain HNB Isolated in China. <i>Genome Announcements</i> , 2016, 4, .	0.8	8
67	Comparison of lentiviruses pseudotyped with S proteins from coronaviruses and cell tropisms of porcine coronaviruses. <i>Virologica Sinica</i> , 2016, 31, 49-56.	1.2	20
68	iTRAQ-based comparative proteomic analysis of Vero cells infected with virulent and CV777 vaccine strain-like strains of porcine epidemic diarrhea virus. <i>Journal of Proteomics</i> , 2016, 130, 65-75.	1.2	51
69	Comparative Genomic Analysis of Classical and Variant Virulent Parental/Attenuated Strains of Porcine Epidemic Diarrhea Virus. <i>Viruses</i> , 2015, 7, 5525-5538.	1.5	67
70	A Single Point Mutation Creating a Furin Cleavage Site in the Spike Protein Renders Porcine Epidemic Diarrhea Coronavirus Trypsin Independent for Cell Entry and Fusion. <i>Journal of Virology</i> , 2015, 89, 8077-8081.	1.5	33
71	Porcine epidemic diarrhea virus ORF3 gene prolongs S-phase, facilitates formation of vesicles and promotes the proliferation of attenuated PEDV. <i>Virus Genes</i> , 2015, 51, 385-392.	0.7	37
72	Antiviral Activity of Graphene Oxide: How Sharp Edged Structure and Charge Matter. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 21571-21579.	4.0	292

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73	Full-Length Genome Characterization of Chinese Porcine Deltacoronavirus Strain CH/SXD1/2015. <i>Genome Announcements</i> , 2015, 3, .	0.8	30
74	Porcine Coronin 1A Contributes to Nuclear Factor-Kappa B (NF- κ B) Inactivation during <i>Haemophilus parasuis</i> Infection. <i>PLoS ONE</i> , 2014, 9, e103904.	1.1	9
75	The ubiquitin-proteasome system is required for the early stages of porcine circovirus type 2 replication. <i>Virology</i> , 2014, 456-457, 198-204.	1.1	26
76	Transcription analysis of the porcine alveolar macrophage response to porcine circovirus type 2. <i>BMC Genomics</i> , 2013, 14, 353.	1.2	33
77	A SERS-based immunoassay for porcine circovirus type 2 using multi-branched gold nanoparticles. <i>Mikrochimica Acta</i> , 2013, 180, 1501-1507.	2.5	17
78	Broad Activity against Porcine Bacterial Pathogens Displayed by Two Insect Antimicrobial Peptides Moricin and Cecropin B. <i>Molecules and Cells</i> , 2013, 35, 106-114.	1.0	41
79	New Variants of Porcine Epidemic Diarrhea Virus, China, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1350-1353.	2.0	273
80	New Variants of Porcine Epidemic Diarrhea Virus, China, 2011. <i>Emerging Infectious Diseases</i> , 2012, 18, 1350-1353.	2.0	318
81	The occurrence of <i>Bordetella bronchiseptica</i> in pigs with clinical respiratory disease. <i>Veterinary Journal</i> , 2011, 188, 337-340.	0.6	45
82	Isolation, Antimicrobial Resistance, and Virulence Genes of <i>Pasteurella multocida</i> Strains from Swine in China. <i>Journal of Clinical Microbiology</i> , 2009, 47, 951-958.	1.8	163
83	Fumonisin-Induced Tumor Necrosis Factor- α Expression in a Porcine Kidney Cell Line Is Independent of Sphingoid Base Accumulation Induced by Ceramide Synthase Inhibition. <i>Toxicology and Applied Pharmacology</i> , 2001, 174, 69-77.	1.3	43
84	Inhibition of Porcine Epidemic Diarrhea Virus by Cinchonine via Inducing Cellular Autophagy. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	5
85	The Diversity and Spatiotemporally Evolutionary Dynamic of Atypical Porcine Pestivirus in China. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4