

Chao-Ting Xiao

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,960
citations

279798

23
h-index

254184

43
g-index

53
all docs

53
docs citations

53
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and genomic characterization of a novel porcine CRESS DNA virus from a pig suffering from diarrhea in China. <i>Archives of Virology</i> , 2022, , 1.	2.1	3
2	Current knowledge on epidemiology and evolution of novel porcine circovirus 4. <i>Veterinary Research</i> , 2022, 53, .	3.0	15
3	Isolation and evolutionary analyses of gout-associated goose astrovirus causing disease in experimentally infected chickens. <i>Poultry Science</i> , 2021, 100, 543-552.	3.4	34
4	The seroprevalence of the newly identified porcine circovirus type 4 in China investigated by an enzyme-linked immunosorbent assay. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 2910-2914.	3.0	14
5	Prevalence and Genetic Analysis of Porcine Circovirus 3 in China From 2019 to 2020. <i>Frontiers in Veterinary Science</i> , 2021, 8, 773912.	2.2	8
6	Novel circovirus species identified in farmed pigs designated as <i>Porcine circovirus</i> 4, Hunan province, China. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 1057-1061.	3.0	172
7	Porcine Astrovirus Type 5-Associated Enteritis in Pigs. <i>Journal of Comparative Pathology</i> , 2020, 181, 38-46.	0.4	13
8	Isolation and Characterization of Porcine Astrovirus 5 from a Classical Swine Fever Virus-Infected Specimen. <i>Journal of Virology</i> , 2020, 95, .	3.4	12
9	Porcine circoviruses: current status, knowledge gaps and challenges. <i>Virus Research</i> , 2020, 286, 198044.	2.2	105
10	High genetic diversity and recombination events of porcine astrovirus strains identified from ill and asymptomatic pigs in 2017, Hunan Province, China. <i>Virus Genes</i> , 2019, 55, 673-681.	1.6	17
11	Genomic characterization of a novel astrovirus identified in Amur tigers from a zoo in China. <i>Archives of Virology</i> , 2019, 164, 3151-3155.	2.1	5
12	Homologous recombination shapes the genetic diversity of African swine fever viruses. <i>Veterinary Microbiology</i> , 2019, 236, 108380.	1.9	26
13	A commercial porcine circovirus (PCV) type 2a-based vaccine reduces PCV2d viremia and shedding and prevents PCV2d transmission to naïve pigs under experimental conditions. <i>Vaccine</i> , 2017, 35, 248-254.	3.8	65
14	Identification and characterization of multiple porcine astrovirus genotypes in Hunan province, China. <i>Archives of Virology</i> , 2017, 162, 943-952.	2.1	32
15	First identification of porcine parvovirus 6 in Poland. <i>Virus Genes</i> , 2017, 53, 100-104.	1.6	22
16	PCV2d-2 is the predominant type of PCV2 DNA in pig samples collected in the U.S. during 2014–2016. <i>Veterinary Microbiology</i> , 2016, 197, 72-77.	1.9	83
17	A chimeric virus created by DNA shuffling of the capsid genes of different subtypes of porcine circovirus type 2 (PCV2) in the backbone of the non-pathogenic PCV1 induces protective immunity against the predominant PCV2b and the emerging PCV2d in pigs. <i>Virology</i> , 2016, 498, 82-93.	2.4	18
18	Increased frequency of porcine epidemic diarrhea virus shedding and lesions in suckling pigs compared to nursery pigs and protective immunity in nursery pigs after homologous re-challenge. <i>Veterinary Research</i> , 2016, 47, 118.	3.0	19

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19	Global molecular genetic analysis of porcine circovirus type 2 (PCV2) sequences confirms the presence of four main PCV2 genotypes and reveals a rapid increase of PCV2d. <i>Journal of General Virology</i> , 2015, 96, 1830-1841.	2.9	210
20	Development and Application of an ELISA for the Detection of Porcine Deltacoronavirus IgG Antibodies. <i>PLoS ONE</i> , 2015, 10, e0124363.	2.5	48
21	Porcine Epidemic Diarrhea Virus RNA Present in Commercial Spray-Dried Porcine Plasma Is Not Infectious to Na ⁺ ve Pigs. <i>PLoS ONE</i> , 2014, 9, e104766.	2.5	56
22	High prevalence and genetic diversity of porcine bocaviruses in pigs in the USA, and identification of multiple novel porcine bocaviruses. <i>Journal of General Virology</i> , 2014, 95, 453-465.	2.9	21
23	Comparison of Real-Time Reverse Transcriptase PCR Assays for Detection of Swine Hepatitis E Virus in Fecal Samples. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1045-1051.	3.9	14
24	A commercial vaccine based on PCV2a and an experimental vaccine based on a variant mPCV2b are both effective in protecting pigs against challenge with a 2013 U.S. variant mPCV2b strain. <i>Vaccine</i> , 2014, 32, 230-237.	3.8	51
25	The spray-drying process is sufficient to inactivate infectious porcine epidemic diarrhea virus in plasma. <i>Veterinary Microbiology</i> , 2014, 174, 86-92.	1.9	54
26	Mutant USA strain of porcine circovirus type 2 (mPCV2) exhibits similar virulence to the classical PCV2a and PCV2b strains in caesarean-derived, colostrum-deprived pigs. <i>Journal of General Virology</i> , 2014, 95, 2495-2503.	2.9	43
27	Identification of recently described porcine parvoviruses in archived North American samples from 1996 and association with porcine circovirus associated disease. <i>Veterinary Microbiology</i> , 2014, 173, 9-16.	1.9	53
28	Commercial PCV2a-based vaccines are effective in protecting naturally PCV2b-infected finisher pigs against experimental challenge with a 2012 mutant PCV2. <i>Vaccine</i> , 2014, 32, 4342-4348.	3.8	58
29	Molecular evolutionary genetic analysis of emerging parvoviruses identified in pigs. <i>Infection, Genetics and Evolution</i> , 2013, 16, 369-376.	2.3	29
30	Association of concurrent porcine circovirus (PCV) 2a and 2b infection with PCV associated disease in vaccinated pigs. <i>Research in Veterinary Science</i> , 2013, 95, 775-781.	1.9	21
31	Characterization of porcine parvovirus type 2 (PPV2) which is highly prevalent in the USA. <i>Veterinary Microbiology</i> , 2013, 161, 325-330.	1.9	46
32	Concurrent porcine circovirus type 2a (PCV2a) or PCV2b infection increases the rate of amino acid mutations of porcine reproductive and respiratory syndrome virus (PRRSV) during serial passages in pigs. <i>Virus Research</i> , 2013, 178, 445-451.	2.2	12
33	Improving ante mortem diagnosis of <i>Erysipelothrix rhusiopathiae</i> infection by use of oral fluids for bacterial, nucleic acid, and antibody detection. <i>Journal of Microbiological Methods</i> , 2013, 92, 113-121.	1.6	14
34	Identification and characterization of novel porcine astroviruses (PAstVs) with high prevalence and frequent co-infection of individual pigs with multiple PAstV types. <i>Journal of General Virology</i> , 2013, 94, 570-582.	2.9	97
35	Emergence of a novel mutant PCV2b variant associated with clinical PCVAD in two vaccinated pig farms in the U.S. concurrently infected with PPV2. <i>Veterinary Microbiology</i> , 2013, 163, 177-183.	1.9	99
36	Complete Genome Sequence of a Novel Porcine Parvovirus (PPV) Provisionally Designated PPV5. <i>Genome Announcements</i> , 2013, 1, .	0.8	19

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37	Characterization of a Novel Porcine Parvovirus Tentatively Designated PPV5. <i>PLoS ONE</i> , 2013, 8, e65312.	2.5	53
38	Complete Genome Sequence of a Novel Porcine Circovirus Type 2b Variant Present in Cases of Vaccine Failures in the United States. <i>Journal of Virology</i> , 2012, 86, 12469-12469.	3.4	85
39	Complete Genome Sequence of a Newly Identified Porcine Astrovirus Genotype 3 Strain US-MO123. <i>Journal of Virology</i> , 2012, 86, 13126-13126.	3.4	13
40	RT-PCR test for detecting porcine sapovirus in weanling piglets in Hunan Province, China. <i>Tropical Animal Health and Production</i> , 2012, 44, 1335-1339.	1.4	17
41	Increasing porcine PARV4 prevalence with pig age in the U.S. pig population. <i>Veterinary Microbiology</i> , 2012, 160, 290-296.	1.9	32
42	Development and evaluation of an enzyme-linked immunosorbent assay based on a recombinant SpaA protein (rSpaA415) for detection of anti-Erysipelothrix spp. IgG antibodies in pigs. <i>Journal of Microbiological Methods</i> , 2012, 91, 191-197.	1.6	7
43	Development of a novel fluorescent microbead-based immunoassay and comparison with three enzyme-linked immunoassays for detection of anti-Erysipelothrix spp. IgG antibodies in pigs with known and unknown exposure. <i>Journal of Microbiological Methods</i> , 2012, 91, 73-79.	1.6	20
44	The prevalence of Torque teno sus virus (TTSuV) is common and increases with the age of growing pigs in the United States. <i>Journal of Virological Methods</i> , 2012, 183, 40-44.	2.1	38
45	Polymorphisms of KISS-1 and GPR54 genes and their relationships with litter size in sheep. <i>Molecular Biology Reports</i> , 2012, 39, 3291-3297.	2.3	24
46	Seroprevalence of porcine cytomegalovirus and sapovirus infection in pigs in Hunan province, China. <i>Archives of Virology</i> , 2012, 157, 521-524.	2.1	11
47	Occurrence of <i>Streptococcus dysgalactiae</i> Subsp. <i>equisimilis</i> in Masked Palm Civet (<i>Paguma larvata</i>). <i>Journal of Animal and Veterinary Advances</i> , 2012, 11, 2020-2023.	0.1	2
48	Glycoprotein B gene-based phylogenetic analysis of porcine cytomegalovirus isolates. <i>Acta Virologica</i> , 2012, 55, 361-363.	0.8	1
49	Identification of new defective interfering RNA species associated with porcine reproductive and respiratory syndrome virus infection. <i>Virus Research</i> , 2011, 158, 33-36.	2.2	12
50	Genomic characterization of a proventriculitis-associated infectious bronchitis coronavirus. <i>Virus Genes</i> , 2010, 40, 421-422.	1.6	1
51	Analysis of polymorphism, structure and function of exon 2 of ovine melatonin receptor 1b gene: a clue as to why it lacks expression in sheep. <i>Journal of Pineal Research</i> , 2007, 42, 97-104.	7.4	10
52	Mitochondrial DNA Distinction of Northeastern China Roe Deer, Siberian Roe Deer, and European Roe Deer, to Clarify the Taxonomic Status of Northeastern China Roe Deer. <i>Biochemical Genetics</i> , 2007, 45, 93-102.	1.7	21
53	PCR-SSCP Polymorphism of Inhibin β A Gene in Some Sheep Breeds. <i>Asian-Australasian Journal of Animal Sciences</i> , 2007, 20, 1023-1029.	2.4	5