Chao-Ting Xiao

List of Publications by Year
in descending order

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53	1,960	279798 23	254184 43
papers	citations	h-index	g-index

53	53	53	1455
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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. Journal of General Virology, 2015, 96, 1830-1841.	2.9	210
2	Novel circovirus species identified in farmed pigs designated as Porcine circovirus 4, Hunan province, China. Transboundary and Emerging Diseases, 2020, 67, 1057-1061.	3.0	172
3	Porcine circoviruses: current status, knowledge gaps and challenges. Virus Research, 2020, 286, 198044.	2.2	105
4	Emergence of a novel mutant PCV2b variant associated with clinical PCVAD in two vaccinated pig farms in the U.S. concurrently infected with PPV2. Veterinary Microbiology, 2013, 163, 177-183.	1.9	99
5	Identification and characterization of novel porcine astroviruses (PAstVs) with high prevalence and frequent co-infection of individual pigs with multiple PAstV types. Journal of General Virology, 2013, 94, 570-582.	2.9	97
6	Complete Genome Sequence of a Novel Porcine Circovirus Type 2b Variant Present in Cases of Vaccine Failures in the United States. Journal of Virology, 2012, 86, 12469-12469.	3.4	85
7	PCV2d-2 is the predominant type of PCV2 DNA in pig samples collected in the U.S. during 2014â€“2016. Veterinary Microbiology, 2016, 197, 72-77.	1.9	83
8	A commercial porcine circovirus (PCV) type 2a-based vaccine reduces PCV2d viremia and shedding and prevents PCV2d transmission to naÃ¯ve pigs under experimental conditions. Vaccine, 2017, 35, 248-254.	3.8	65
9	Commercial PCV2a-based vaccines are effective in protecting naturally PCV2b-infected finisher pigs against experimental challenge with a 2012 mutant PCV2. Vaccine, 2014, 32, 4342-4348.	3.8	58
10	Porcine Epidemic Diarrhea Virus RNA Present in Commercial Spray-Dried Porcine Plasma Is Not Infectious to NaÃ¯ve Pigs. PLoS ONE, 2014, 9, e104766.	2.5	56
11	The spray-drying process is sufficient to inactivate infectious porcine epidemic diarrhea virus in plasma. Veterinary Microbiology, 2014, 174, 86-92.	1.9	54
12	Characterization of a Novel Porcine Parvovirus Tentatively Designated PPV5. PLoS ONE, 2013, 8, e65312.	2.5	53
13	Identification of recently described porcine parvoviruses in archived North American samples from 1996 and association with porcine circovirus associated disease. Veterinary Microbiology, 2014, 173, 9-16.	1.9	53
14	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. Vaccine, 2014, 32, 230-237.	3.8	51
15	Development and Application of an ELISA for the Detection of Porcine Deltacoronavirus IgG Antibodies. PLoS ONE, 2015, 10, e0124363.	2.5	48
16	Characterization of porcine parvovirus type 2 (PPV2) which is highly prevalent in the USA. Veterinary Microbiology, 2013, 161, 325-330.	1.9	46
17	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. Journal of General Virology, 2014, 95, 2495-2503.	2.9	43
18	The prevalence of Torque teno sus virus (TTSuV) is common and increases with the age of growing pigs in the United States. Journal of Virological Methods, 2012, 183, 40-44.	2.1	38

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19	Isolation and evolutionary analyses of gout-associated goose astrovirus causing disease in experimentally infected chickens. Poultry Science, 2021, 100, 543-552.	3.4	34
20	Increasing porcine PARV4 prevalence with pig age in the U.S. pig population. Veterinary Microbiology, 2012, 160, 290-296.	1.9	32
21	Identification and characterization of multiple porcine astrovirus genotypes in Hunan province, China. Archives of Virology, 2017, 162, 943-952.	2.1	32
22	Molecular evolutionary genetic analysis of emerging parvoviruses identified in pigs. Infection, Genetics and Evolution, 2013, 16, 369-376.	2.3	29
23	Homologous recombination shapes the genetic diversity of African swine fever viruses. Veterinary Microbiology, 2019, 236, 108380.	1.9	26
24	Polymorphisms of KiSS-1 and GPR54 genes and their relationships with litter size in sheep. Molecular Biology Reports, 2012, 39, 3291-3297.	2.3	24
25	First identification of porcine parvovirus 6 in Poland. Virus Genes, 2017, 53, 100-104.	1.6	22
26	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. Biochemical Genetics, 2007, 45, 93-102.	1.7	21
27	Association of concurrent porcine circovirus (PCV) 2a and 2b infection with PCV associated disease in vaccinated pigs. Research in Veterinary Science, 2013, 95, 775-781.	1.9	21
28	High prevalence and genetic diversity of porcine bocaviruses in pigs in the USA, and identification of multiple novel porcine bocaviruses. Journal of General Virology, 2014, 95, 453-465.	2.9	21
29	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. Journal of Microbiological Methods, 2012, 91, 73-79.	1.6	20
30	Complete Genome Sequence of a Novel Porcine Parvovirus (PPV) Provisionally Designated PPV5. Genome Announcements, 2013, 1, .	0.8	19
31	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. Veterinary Research, 2016, 47, 118.	3.0	19
32	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. Virology, 2016, 498, 82-93.	2.4	18
33	RT-PCR test for detecting porcine sapovirus in weanling piglets in Hunan Province, China. Tropical Animal Health and Production, 2012, 44, 1335-1339.	1.4	17
34	High genetic diversity and recombination events of porcine astrovirus strains identified from ill and asymptomatic pigs in 2017, Hunan Province, China. Virus Genes, 2019, 55, 673-681.	1.6	17
35	Current knowledge on epidemiology and evolution of novel porcine circovirus 4. Veterinary Research, 2022, 53, .	3.0	15
36	Improving ante mortem diagnosis of Erysipelothrix rhusiopathiae infection by use of oral fluids for bacterial, nucleic acid, and antibody detection. Journal of Microbiological Methods, 2013, 92, 113-121.	1.6	14

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37	Comparison of Real-Time Reverse Transcriptase PCR Assays for Detection of Swine Hepatitis E Virus in Fecal Samples. Journal of Clinical Microbiology, 2014, 52, 1045-1051.	3.9	14
38	The seroprevalence of the newly identified porcine circovirus type 4 in China investigated by an enzymedâ€linked immunosorbent assay. Transboundary and Emerging Diseases, 2021, 68, 2910-2914.	3.0	14
39	Complete Genome Sequence of a Newly Identified Porcine Astrovirus Genotype 3 Strain US-MO123. Journal of Virology, 2012, 86, 13126-13126.	3.4	13
40	Porcine Astrovirus Type 5-Associated Enteritis in Pigs. Journal of Comparative Pathology, 2020, 181, 38-46.	0.4	13
41	Identification of new defective interfering RNA species associated with porcine reproductive and respiratory syndrome virus infection. Virus Research, 2011, 158, 33-36.	2.2	12
42	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. Virus Research, 2013, 178, 445-451.	2.2	12
43	Isolation and Characterization of Porcine Astrovirus 5 from a Classical Swine Fever Virus-Infected Specimen. Journal of Virology, 2020, 95, .	3.4	12
44	Seroprevalence of porcine cytomegalovirus and sapovirus infection in pigs in Hunan province, China. Archives of Virology, 2012, 157, 521-524.	2.1	11
45	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. Journal of Pineal Research, 2007, 42, 97-104.	7.4	10
46	Prevalence and Genetic Analysis of Porcine Circovirus 3 in China From 2019 to 2020. Frontiers in Veterinary Science, 2021, 8, 773912.	2.2	8
47	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. Journal of Microbiological Methods, 2012, 91, 191-197.	1.6	7
48	Genomic characterization of a novel astrovirus identified in Amur tigers from a zoo in China. Archives of Virology, 2019, 164, 3151-3155.	2.1	5
49	PCR-SSCP Polymorphism of Inhibin ??A Gene in Some Sheep Breeds. Asian-Australasian Journal of Animal Sciences, 2007, 20, 1023-1029.	2.4	5
50	Identification and genomic characterization of a novel porcine CRESS DNA virus from a pig suffering from diarrhea in China. Archives of Virology, 2022, , 1.	2.1	3
51	Occurrence of Streptococcus dysgalactiae Subsp. equisimilis in Masked Palm Civet (Paguma larvata). Journal of Animal and Veterinary Advances, 2012, 11, 2020-2023.	0.1	2
52	Genomic characterization of a proventriculitis-associated infectious bronchitis coronavirus. Virus Genes, 2010, 40, 421-422.	1.6	1
53	Glycoprotein B gene-based phylogenetic analysis of porcine cytomegalovirus isolates. Acta Virologica, 2012, 55, 361-363.	0.8	1