

Zhenhai Chen

List of Publications by Year in descending order

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42
papers

1,173
citations

430754

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1149
citing authors

#	ARTICLE	IF	CITATIONS
1	The Cysteine Protease Domain of Porcine Reproductive and Respiratory Syndrome Virus Nonstructural Protein 2 Possesses Deubiquitinating and Interferon Antagonism Functions. <i>Journal of Virology</i> , 2010, 84, 7832-7846.	1.5	186
2	Discovery of a novel putative atypical porcine pestivirus in pigs in the USA. <i>Journal of General Virology</i> , 2015, 96, 2994-2998.	1.3	152
3	Immunodominant epitopes in nsp2 of porcine reproductive and respiratory syndrome virus are dispensable for replication, but play an important role in modulation of the host immune response. <i>Journal of General Virology</i> , 2010, 91, 1047-1057.	1.3	77
4	Development of genetic markers in the non-structural protein 2 region of a US type 1 porcine reproductive and respiratory syndrome virus: implications for future recombinant marker vaccine development. <i>Journal of General Virology</i> , 2008, 89, 3086-3096.	1.3	55
5	A Novel Rabies Vaccine Based on a Recombinant Parainfluenza Virus 5 Expressing Rabies Virus Glycoprotein. <i>Journal of Virology</i> , 2013, 87, 2986-2993.	1.5	51
6	Single-Dose Vaccination of a Recombinant Parainfluenza Virus 5 Expressing NP from H5N1 Virus Provides Broad Immunity against Influenza A Viruses. <i>Journal of Virology</i> , 2013, 87, 5985-5993.	1.5	44
7	Construction and characterization of a full-length cDNA infectious clone of emerging porcine Senecavirus A. <i>Virology</i> , 2016, 497, 111-124.	1.1	44
8	Evaluating a Parainfluenza Virus 5-Based Vaccine in a Host with Pre-Existing Immunity against Parainfluenza Virus 5. <i>PLoS ONE</i> , 2012, 7, e50144.	1.1	41
9	A respiratory syncytial virus (RSV) vaccine based on parainfluenza virus 5 (PIV5). <i>Vaccine</i> , 2014, 32, 3050-3057.	1.7	34
10	Widespread detection and characterization of porcine parainfluenza virus 1 in pigs in the USA. <i>Journal of General Virology</i> , 2016, 97, 281-286.	1.3	34
11	Presence of Virus Neutralizing Antibodies in Cerebral Spinal Fluid Correlates with Non-Lethal Rabies in Dogs. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2375.	1.3	27
12	Efficacy of Parainfluenza Virus 5 Mutants Expressing Hemagglutinin from H5N1 Influenza A Virus in Mice. <i>Journal of Virology</i> , 2013, 87, 9604-9609.	1.5	27
13	Efficacy of parainfluenza virus 5 (PIV5)-based tuberculosis vaccines in mice. <i>Vaccine</i> , 2015, 33, 7217-7224.	1.7	26
14	Genome-wide analysis of differentially expressed genes and the modulation of PEDV infection in Vero E6 cells. <i>Microbial Pathogenesis</i> , 2018, 117, 247-254.	1.3	23
15	An emerging novel virus: Atypical porcine pestivirus (APPV). <i>Reviews in Medical Virology</i> , 2019, 29, e2018.	3.9	23
16	Molecular characterization of two novel atypical porcine pestivirus (APPV) strains from piglets with congenital tremor in China. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 35-42.	1.3	23
17	Molecular evolution and characterization of novel Seneca Valley virus (SVV) strains in South China. <i>Infection, Genetics and Evolution</i> , 2019, 69, 1-7.	1.0	20
18	Specific small interfering RNAs-mediated inhibition of replication of porcine encephalomyocarditis virus in BHK-21 cells. <i>Antiviral Research</i> , 2008, 79, 95-104.	1.9	18

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19	Development of a novel reverse transcription droplet digital PCR assay for the sensitive detection of Senecavirus A. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 517-525.	1.3	18
20	Parainfluenza virus 5â€“vectored vaccines against human and animal infectious diseases. <i>Reviews in Medical Virology</i> , 2018, 28, e1965.	3.9	17
21	Identification of Nuclear Localization Signals in the ORF2 Protein of Porcine Circovirus Type 3. <i>Viruses</i> , 2019, 11, 1086.	1.5	16
22	Immunogenicity of Novel Mumps Vaccine Candidates Generated by Genetic Modification. <i>Journal of Virology</i> , 2014, 88, 2600-2610.	1.5	15
23	Parainfluenza Virus 5 Expressing the G Protein of Rabies Virus Protects Mice after Rabies Virus Infection. <i>Journal of Virology</i> , 2015, 89, 3427-3429.	1.5	15
24	The autotransporter protein BatA is a protective antigen against lethal aerosol infection with <i>Burkholderia mallei</i> and <i>Burkholderia pseudomallei</i> . <i>Vaccine: X</i> , 2019, 1, 100002.	0.9	15
25	Comprehensive Analysis of Codon Usage on Porcine Astrovirus. <i>Viruses</i> , 2020, 12, 991.	1.5	15
26	Equine Arteritis Virus Does Not Induce Interferon Production in Equine Endothelial Cells: Identification of Nonstructural Protein 1 as a Main Interferon Antagonist. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	14
27	Genetic Stability of Parainfluenza Virus 5-Vectored Human Respiratory Syncytial Virus Vaccine Candidates after <i>In Vitro</i> and <i>In Vivo</i> Passage. <i>Journal of Virology</i> , 2017, 91, .	1.5	14
28	Transcriptome analysis of senecavirus A-infected cells: Type I interferon is a critical anti-viral factor. <i>Microbial Pathogenesis</i> , 2020, 147, 104432.	1.3	14
29	Evolution of Transmissible Gastroenteritis Virus (TGEV): A Codon Usage Perspective. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7898.	1.8	14
30	The L Gene of J Paramyxovirus Plays a Critical Role in Viral Pathogenesis. <i>Journal of Virology</i> , 2013, 87, 12990-12998.	1.5	12
31	Antibodies induced by enterotoxigenic <i>Escherichia coli</i> (ETEC) adhesin major structural subunit and minor tip adhesin subunit equivalently inhibit bacteria adherence in vitro. <i>PLoS ONE</i> , 2019, 14, e0216076.	1.1	12
32	Pathogenicity of two Chinese Seneca Valley virus (SVV) strains in pigs. <i>Microbial Pathogenesis</i> , 2019, 136, 103695.	1.3	11
33	Infectious recombinant Senecavirus A expressing novel reporter proteins. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2385-2397.	1.7	11
34	Phylogenetic and codon usage analysis of atypical porcine pestivirus (APPV). <i>Virulence</i> , 2020, 11, 916-926.	1.8	10
35	Genomic and pathogenic analysis of a Muscovy duck parvovirus strain causing short beak and dwarfism syndrome without tongue protrusion. <i>Research in Veterinary Science</i> , 2017, 115, 393-400.	0.9	9
36	Editorial: Emerging Swine Viruses. <i>Frontiers in Veterinary Science</i> , 2020, 7, 132.	0.9	8

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37	Protective immune response in mice vaccinated with a recombinant adenovirus containing capsid precursor polypeptide P1, nonstructural protein 2A and 3C protease genes (P12A3C) of encephalomyocarditis virus. <i>Vaccine</i> , 2008, 26, 573-580.	1.7	6
38	Disruption of interferon- β production by the Npro of atypical porcine pestivirus. <i>Virulence</i> , 2021, 12, 654-665.	1.8	6
39	Developing a platform system for gene delivery: amplifying virus-like particles (AVLP) as an influenza vaccine. <i>Npj Vaccines</i> , 2017, 2, 32.	2.9	5
40	Preparation of Monoclonal Antibodies Against Pseudorabies Virus Glycoprotein gC by Adenovirus Immunization Alone or as a Boost Following DNA Priming. <i>Hybridoma</i> , 2008, 27, 36-42.	0.5	4
41	Identification of a B-Cell Epitope in the VP3 Protein of Senecavirus A. <i>Viruses</i> , 2021, 13, 2300.	1.5	4
42	Genetic diversity in envelope genes of contemporary U.S. porcine reproductive and respiratory syndrome virus strains influences viral antigenicity. <i>Research in Veterinary Science</i> , 2017, 115, 432-441.	0.9	3