

# Xinyu Zhang

## List of Publications by Year in descending order

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40  
papers

547  
citations

687363

13  
h-index

677142

22  
g-index

41  
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41  
docs citations

41  
times ranked

713  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review of Transition Metal Oxygen-Evolving Catalysts Decorated by Cerium-Based Materials: Current Status and Future Prospects. <i>CCS Chemistry</i> , 2022, 4, 31-53.	7.8	17
2	Isolation and pathogenic characterization of duck adenovirus 3 mutant circulating in China. <i>Poultry Science</i> , 2022, 101, 101564.	3.4	12
3	Identification of three novel B cell epitopes in ORF2 protein of the emerging goose astrovirus and their application. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 855-863.	3.6	7
4	Gene Cloning, Tissue Expression Profiles and Antiviral Activities of Interferon- $\beta$ from Two Chinese Miniature Pig Breeds. <i>Veterinary Sciences</i> , 2022, 9, 190.	1.7	1
5	Fusion expression of the two soluble viral receptors of porcine reproductive and respiratory syndrome virus with a single adeno-associated virus vector. <i>Research in Veterinary Science</i> , 2021, 135, 78-84.	1.9	4
6	Comparison of the mucosal adjuvant activities of two Toll-like receptor ligands for recombinant adenovirus-delivered African swine fever virus fusion antigens. <i>Veterinary Immunology and Immunopathology</i> , 2021, 239, 110307.	1.2	2
7	Gene cloning, prokaryotic expression and antiviral activities of interferon- $\beta$ from Chinese Bama miniature pigs. <i>Veterinary Research Communications</i> , 2021, , 1.	1.6	1
8	A colloidal gold test strip assay for the detection of African swine fever virus based on two monoclonal antibodies against P30. <i>Archives of Virology</i> , 2021, 166, 871-879.	2.1	15
9	OASL Triggered by Novel Goose Astrovirus via ORF2 Restricts Its Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	14
10	Generation and immunogenicity assessment of ELPylated virus-like particles of porcine circovirus type 2. <i>Virology Journal</i> , 2020, 17, 72.	3.4	7
11	Alcohol inhibits morphine/cocaine reward memory acquisition and reconsolidation in rats. <i>Psychopharmacology</i> , 2020, 237, 1043-1053.	3.1	1
12	Comparative evaluation of ELPylated virus-like particle vaccine with two commercial PCV2 vaccines by experimental challenge. <i>Vaccine</i> , 2020, 38, 3952-3959.	3.8	9
13	An Attenuated <i>Escherichia coli</i> K88ac LT(S63K) $\Delta$ STb Efficiently Provides Protection Against Enterotoxigenic <i>Escherichia coli</i> in the Mouse Model. <i>Frontiers in Veterinary Science</i> , 2020, 7, 620255.	2.2	2
14	Superior adjuvant activity of the genetically fused D1 domain of <i>Neisseria meningitidis</i> Ag473 lipoprotein among three Toll-like receptor ligands. <i>Bioscience Reports</i> , 2020, 40, .	2.4	4
15	Assessment of neutrophil gelatinase-associated lipocalin as an early biomarker for canine renal ischemia-reperfusion injury. <i>Annals of Translational Medicine</i> , 2020, 8, 1491.	1.7	1
16	Enhanced Production of Anti-PD1 Antibody in CHO Cells through Transient Co-Transfection with Anti-Apoptotic Gene Bcl-xL Combined with Rapamycin. <i>Processes</i> , 2019, 7, 329.	2.8	0
17	Generation of PK-15 cell lines highly permissive to porcine circovirus 2 infection by transposon-mediated interferon-gamma gene transfer. <i>Journal of Virological Methods</i> , 2019, 271, 113682.	2.1	0
18	Bioprocess development of a stable FUT8 $\Delta$ -CHO cell line to produce defucosylated anti-HER2 antibody. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 1263-1271.	3.4	16

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19	Half-life extension of porcine interferon- $\beta$ by fusion to the IgG-binding domain of streptococcal G protein. <i>Protein Expression and Purification</i> , 2019, 153, 53-58.	1.3	12
20	Recombinant adenovirus-delivered soluble CD163 and sialoadhesin receptors protected pigs from porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Microbiology</i> , 2018, 219, 1-7.	1.9	12
21	Enhanced production of anti-PD1 antibody in CHO cells through transient co-transfection with anti-apoptotic genes Bcl-x L and Mcl-1. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 633-640.	3.4	15
22	Enhancing purification and plasma stability of porcine interferon- $\beta$ by fusion to elastin-like polypeptide. <i>Veterinary Immunology and Immunopathology</i> , 2018, 203, 60-64.	1.2	3
23	An emerging novel goose astrovirus associated with gosling gout disease, China. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-8.	6.5	60
24	Protective and prophylactic effects of chlorogenic acid on aluminum-induced acute hepatotoxicity and hematotoxicity in mice. <i>Chemico-Biological Interactions</i> , 2017, 273, 125-132.	4.0	25
25	An Anti-Tumor Peptide from <i>Musca domestica</i> Pupae (MATP) Induces Apoptosis in Human Liver Cancer Cells HepG2 Cells Through a ROS-JNK Pathway. <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 101-109.	1.9	2
26	Purification of chicken IgY by binding capture using elastin-like polypeptide-tagged immunoglobulin-binding domain of streptococcal protein G. <i>Veterinary Immunology and Immunopathology</i> , 2017, 192, 13-19.	1.2	10
27	A novel method for concentration of porcine reproductive and respiratory syndrome virus from the environmental samples using self-aggregating peptide-tagged CD151-binding capture. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 7987-7996.	3.6	0
28	Dietary <i>Chlorella vulgaris</i> Ameliorates Altered Immunomodulatory Functions in Cyclophosphamide-Induced Immunosuppressive Mice. <i>Nutrients</i> , 2017, 9, 708.	4.1	32
29	Nesfatin-1 promotes brown adipocyte phenotype. <i>Scientific Reports</i> , 2016, 6, 34747.	3.3	21
30	Inhibitory effect on HT-29 colon cancer cells of a water-soluble polysaccharide obtained from highland barley. <i>International Journal of Biological Macromolecules</i> , 2016, 92, 88-95.	7.5	47
31	Single-step concentration and purification of adenoviruses by coxsackievirus-adenovirus receptor-binding capture and elastin-like polypeptide-mediated precipitation. <i>Archives of Virology</i> , 2016, 161, 279-287.	2.1	4
32	Immortalization of pig fibroblast cells by transposon-mediated ectopic expression of porcine telomerase reverse transcriptase. <i>Cytotechnology</i> , 2016, 68, 1435-1445.	1.6	6
33	Inhibition of porcine reproductive and respiratory syndrome virus replication with exosome-transferred artificial microRNA targeting the 3' UTR untranslated region. <i>Journal of Virological Methods</i> , 2015, 223, 61-68.	2.1	10
34	The diversities of staphylococcal species, virulence and antibiotic resistance genes in the subclinical mastitis milk from a single Chinese cow herd. <i>Microbial Pathogenesis</i> , 2015, 88, 29-38.	2.9	60
35	Inhibition of porcine reproductive and respiratory syndrome virus infection by recombinant adenovirus- and/or exosome-delivered the artificial microRNAs targeting sialoadhesin and CD163 receptors. <i>Virology Journal</i> , 2014, 11, 225.	3.4	25
36	Additive inhibition of porcine reproductive and respiratory syndrome virus infection with the soluble sialoadhesin and CD163 receptors. <i>Virus Research</i> , 2014, 179, 85-92.	2.2	24

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37	Efficient inhibition of porcine reproductive and respiratory syndrome virus replication by artificial microRNAs targeting the untranslated regions. <i>Archives of Virology</i> , 2013, 158, 55-61.	2.1	15
38	Removal of nitric oxide from simulated flue gas via denitrification in a hollow-fiber membrane bioreactor. <i>Journal of Environmental Sciences</i> , 2013, 25, 2239-2246.	6.1	22
39	Inhibition of infectious bursal disease virus infection by artificial microRNAs targeting chicken heat-shock protein 90. <i>Journal of General Virology</i> , 2012, 93, 876-879.	2.9	6
40	Effective inhibition of infectious bursal disease virus replication by recombinant avian adeno-associated virus-delivered microRNAs. <i>Journal of General Virology</i> , 2009, 90, 1417-1422.	2.9	19