Song Gao

List of Publications by Year
in descending order

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47	843	567247 15	552766 26
papers	citations	h-index	g-index

48	48	48	1035
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antiviral Activity of Plantago asiatica Polysaccharide against Pseudorabies Virus In Vitro. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-13.	4.0	6
2	Mycoplasma synoviae dihydrolipoamide dehydrogenase is an immunogenic fibronectin/plasminogen binding protein and a putative adhesin. Veterinary Microbiology, 2022, 265, 109328.	1.9	6
3	The Antiviral Effect of Panax Notoginseng Polysaccharides by Inhibiting PRV Adsorption and Replication In Vitro. Molecules, 2022, 27, 1254.	3.8	11
4	The Epidemiological Analysis of Pseudorabies Virus and Pathogenicity of the Variant Strain in Shandong Province. Frontiers in Veterinary Science, 2022, 9, 806824.	2.2	8
5	Huaier Polysaccharide Interrupts PRV Infection via Reducing Virus Adsorption and Entry. Viruses, 2022, 14, 745.	3.3	6
6	Isolation and Characterization of a Lytic Vibriophage OY1 and Its Biocontrol Effects Against Vibrio spp.. Frontiers in Microbiology, 2022, 13, 830692.	3.5	5
7	Hippophae rhamnoides polysaccharides dampen pseudorabies virus infection through downregulating adsorption, entry and oxidative stress. International Journal of Biological Macromolecules, 2022, 207, 454-463.	7.5	5
8	PDZK1 upregulates nitric oxide production through the PI3K/ERK2 pathway to inhibit porcine circovirus type 2 replication. Veterinary Microbiology, 2022, 272, 109514.	1.9	2
9	Epigallocatechin-3-Gallate, the Main Polyphenol in Green Tea, Inhibits Porcine Epidemic Diarrhea Virus In Vitro. Frontiers in Pharmacology, 2021, 12, 628526.	3.5	14
10	Sperm-borne miR-202 targets SEPT7 and regulates first cleavage of bovine embryos via cytoskeletal remodeling. Development (Cambridge), 2021, 148, .	2.5	14
11	Characterization of a Broad-Host-Range Lytic Phage SHWT1 Against Multidrug-Resistant Salmonella and Evaluation of Its Therapeutic Efficacy in vitro and in vivo. Frontiers in Veterinary Science, 2021, 8, 683853.	2.2	17
12	Research Progress on the Antiviral Activity of Glycyrrhizin and its Derivatives in Liquorice. Frontiers in Pharmacology, 2021, 12, 680674.	3.5	30
13	AlphaB-crystallin promotes porcine circovirus type 2 replication in a cell proliferation-dependent manner. Virus Research, 2021, 301, 198435.	2.2	3
14	iTRAQ-based proteome analysis of porcine group A rotavirus-infected porcine IPEC-J2 intestinal epithelial cells. Journal of Proteomics, 2021, 248, 104354.	2.4	10
15	Characterization and evolution of the coronavirus porcine epidemic diarrhoea virus HLJBY isolated in China. Transboundary and Emerging Diseases, 2020, 67, 65-79.	3.0	20
16	Efficacy of the Bartha-K61 vaccine and a gEâ^'/glâ^'/TKâ^' prototype vaccine against variant porcine pseudorabies virus (vPRV) in piglets with sublethal challenge of vPRV. Research in Veterinary Science, 2020, 128, 16-23.	1.9	24
17	Origin and epidemic status of porcine epidemic diarrhea virus variants in China. Transboundary and Emerging Diseases, 2020, 67, 1364-1370.	3.0	10
18	Colonisation of mice and pigs by a chimeric porcine circovirus 1â€“2 prototype vaccine strain and a PCV2 isolate originating in China and their induction of cytokines. Journal of Virological Methods, 2020, 283, 113905.	2.1	1

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19	Pathogenicity and transmissibility of clade 2.3.4.4 highly pathogenic avian influenza virus subtype H5N6 in pigeons. Veterinary Microbiology, 2020, 247, 108776.	1.9	4
20	Transcriptional analysis of RstA/RstB in avian pathogenic Escherichia coli identifies its role in the regulation of hdeD-mediated virulence and survival in chicken macrophages. Veterinary Microbiology, 2020, 241, 108555.	1.9	12
21	(â˜)-Epigallocatechin-3-Gallate Inhibits the Life Cycle of Pseudorabies Virus In Vitro and Protects Mice Against Fatal Infection. Frontiers in Cellular and Infection Microbiology, 2020, 10, 616895.	3.9	13
22	EntE, EntS and TolC synergistically contributed to the pathogenesis of APEC strain E058. Microbial Pathogenesis, 2020, 141, 103990.	2.9	9
23	Comparative genomic analysis of 127 Escherichia coli strains isolated from domestic animals with diarrhea in China. BMC Genomics, 2019, 20, 212.	2.8	10
24	SodA Contributes to the Virulence of Avian Pathogenic Escherichia coli O2 Strain E058 in Experimentally Infected Chickens. Journal of Bacteriology, 2019, 201, .	2.2	10
25	Retrospective survey and phylogenetic analysis of porcine circovirus type 3 in Jiangsu province, China, 2008 to 2017. Archives of Virology, 2018, 163, 2531-2538.	2.1	23
26	Evaluation of the Efficacy and Cross-Protective Immunity of Live-Attenuated Chimeric PCV1-2b Vaccine Against PCV2b and PCV2d Subtype Challenge in Pigs. Frontiers in Microbiology, 2018, 9, 455.	3.5	16
27	Genetic and biological characterization of two reassortant H5N2 avian influenza A viruses isolated from waterfowl in China in 2016. Veterinary Microbiology, 2018, 224, 8-16.	1.9	12
28	Bartha-k61 vaccine protects growing pigs against challenge with an emerging variant pseudorabies virus. Vaccine, 2017, 35, 1161-1166.	3.8	57
29	Virulence traits and pathogenicity of uropathogenic Escherichia coli isolates with common and uncommon O serotypes. Microbial Pathogenesis, 2017, 104, 217-224.	2.9	16
30	Inactivated chimeric porcine circovirus (PCV) 1-2 vaccines based on genotypes 2b and 2d exhibit similar immunological effectiveness in protecting pigs against challenge with PCV2b strain 0233. Archives of Virology, 2017, 162, 235-246.	2.1	14
31	DNA microarray-mediated transcriptional profiling of avian pathogenic Escherichia coli O2 strain E058 during its infection of chicken. Microbial Pathogenesis, 2016, 100, 1-9.	2.9	8
32	Comparative efficacy of experimental inactivated and live-attenuated chimeric porcine circovirus (PCV) 1-2b vaccines derived from PCV1 and PCV2b isolates originated in China. Virology Journal, 2015, 12, 113.	3.4	12
33	Isolation, identification, and pathogenicity of O142 avian pathogenic Escherichia coli causing black proventriculus and septicemia in broiler breeders. Infection, Genetics and Evolution, 2015, 32, 23-29.	2.3	8
34	RstA is required for the virulence of an avian pathogenic Escherichia coli O2 strain E058. Infection, Genetics and Evolution, 2015, 29, 180-188.	2.3	31
35	The avian pathogenic Escherichia coli O2 strain E058 carrying the defined aerobactin-defective iucD or iucDiutA mutation is less virulent in the chicken. Infection, Genetics and Evolution, 2015, 30, 267-277.	2.3	11
36	Optimal transfection methods and comparison of PK-15 and Dulac cells for rescue of chimeric porcine circovirus type 1-2. Journal of Virological Methods, 2014, 208, 90-95.	2.1	6

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37	Role of the lpxM lipid A biosynthesis pathway gene in pathogenicity of avian pathogenic Escherichia coli strain E058 in a chicken infection model. Veterinary Microbiology, 2013, 166, 516-526.	1.9	16
38	RfaH Promotes the Ability of the Avian Pathogenic Escherichia coli O2 Strain E058 To Cause Avian Colibacillosis. Journal of Bacteriology, 2013, 195, 2474-2480.	2.2	17
39	The Transfer-Messenger RNA-Small Protein B System Plays a Role in Avian Pathogenic Escherichia coli Pathogenicity. Journal of Bacteriology, 2013, 195, 5064-5071.	2.2	23
40	Aerobactin Synthesis Genes iucA and iucC Contribute to the Pathogenicity of Avian Pathogenic Escherichia coli O2 Strain E058. PLoS ONE, 2013, 8, e57794.	2.5	35
41	Construction of iucB and iucBiutA mutants of avian pathogenic Escherichia coli and evaluation of their pathogenicity. Veterinary Microbiology, 2012, 159, 420-431.	1.9	9
42	Roles of iron acquisition systems in virulence of extraintestinal pathogenic Escherichia coli: salmochelin and aerobactin contribute more to virulence than heme in a chicken infection model. BMC Microbiology, 2012, 12, 143.	3.3	116
43	Comparison of virulence factors and expression of specific genes between uropathogenic Escherichia coli and avian pathogenic E. coli in a murine urinary tract infection model and a chicken challenge model. Microbiology (United Kingdom), 2009, 155, 1634-1644.	1.8	96
44	Prevalence of Virulence Factors and Antimicrobial Resistance of Uropathogenic Escherichia coli in Jiangsu Province (China). Urology, 2009, 74, 702-707.	1.0	45
45	Identification of two late acyltransferase genes responsible for lipidâ€ƒA biosynthesis in ‹i›Moraxellaâ€ƒcatarrhalis‹/i›. FEBS Journal, 2008, 275, 5201-5214.	4.7	14
46	Construction and Characterization of Avian Pathogenic Escherichia coli Mutants with iro and/or tsh Gene Mutation. Shengwu Gongcheng Xuebao/Chinese Journal of Biotechnology, 2008, 24, 401-408.	0.2	2
47	Same Dosages of rPRV/XJ5-gIâ^'/gEâ^'/TKâ^' Prototype Vaccine or Bartha-K61 Vaccine Similarly Protects Growing Pigs Against Lethal Challenge of Emerging vPRV/XJ-5 Strain. Frontiers in Veterinary Science, 0, 9, .	2.2	6