Gang Liu

List of Publications by Year
in descending order

52 papers	1,481 citations	361413 20 h-index	345221 36 g-index
52 all docs	52 docs citations	52 times ranked	1873 citing authors

#	Article	IF	Citations
1	Prevalence of Theileria in cattle in China: A systematic review and meta-analysis. Microbial Pathogenesis, 2022, 162, 105369.	2.9	5
2	Paeonol protects renal tubular cells against cadmium-induced cytotoxicity via alleviating oxidative stress, inhibiting inflammatory responses and restoring autophagy. Journal of Inorganic Biochemistry, 2022, 230, 111733.	3.5	6
3	The prevalence, molecular characterization and antimicrobial resistance profiling of Streptococcus agalactiae isolated from clinical mastitis cases on large dairy farms in China. Journal of Dairy Research, 2022, 89, 75-79.	1.4	4
4	Effect of cadmium on Rho <scp>GTPases</scp> signal transduction during osteoclast differentiation. Environmental Toxicology, 2022, 37, 1608-1617.	4.0	3
5	Antimicrobial-induced horizontal transfer of antimicrobial resistance genes in bacteria: a mini-review. Journal of Antimicrobial Chemotherapy, 2022, 77, 556-567.	3.0	20
6	Nrf2 and NF-Î^oB/NLRP3 inflammasome pathways are involved in Prototheca bovis infections of mouse mammary gland tissue and mammary epithelial cells. Free Radical Biology and Medicine, 2022, 184, 148-157.	2.9	8
7	Comparative Study of Preparation, Evaluation, and Pharmacokinetics in Beagle Dogs of Curcumin Î²-Cyclodextrin Inclusion Complex, Curcumin Solid Dispersion, and Curcumin Phospholipid Complex. Molecules, 2022, 27, 2998.	3.8	6
8	Characterization of Streptococcus lutetiensis isolated from clinical mastitis of dairy cows. Journal of Dairy Science, 2021, 104, 702-714.	3.4	15
9	Puerarin prevents cadmiumâ€induced disorder of testicular lactic acid metabolism in rats by activating 5â€²<scp>AMP</scp>â€activated protein kinase (<scp>AMPK</scp>)/sirtuin 1 (<scp>SIRT1</scp>) signaling pathway. Environmental Toxicology, 2021, 36, 945-957.	4.0	1
10	Bacteriophages isolated from dairy farm mitigated Klebsiella pneumoniae-induced inflammation in bovine mammary epithelial cells cultured in vitro. BMC Veterinary Research, 2021, 17, 37.	1.9	9
11	Klebsiella pneumoniae infection causes mitochondrial damage and dysfunction in bovine mammary epithelial cells. Veterinary Research, 2021, 52, 17.	3.0	16
12	Bacteriophage has beneficial effects in a murine model of Klebsiella pneumoniae mastitis. Journal of Dairy Science, 2021, 104, 3474-3484.	3.4	11
13	Cadmium exposure induces rat proximal tubular cells injury via p62-dependent Nrf2 nucleus translocation mediated activation of AMPK/AKT/mTOR pathway. Ecotoxicology and Environmental Safety, 2021, 214, 112058.	6.0	17
14	Selenomethionine activates selenoprotein S, suppresses Fas/FasL and the mitochondrial pathway, and reduces Escherichia coli-induced apoptosis of bovine mammary epithelial cells. Journal of Dairy Science, 2021, 104, 10171-10182.	3.4	6
15	The epigenetic regulator BRD4 is involved in cadmium-triggered inflammatory response in rat kidney. Ecotoxicology and Environmental Safety, 2021, 224, 112620.	6.0	7
16	Overexpression of Mucin 1 Suppresses the Therapeutical Efficacy of Disulfiram against Canine Mammary Tumor. Animals, 2021, 11, 37.	2.3	4
17	Prevalence of Mastitis Pathogens and Antimicrobial Susceptibility of Isolates From Cattle and Buffaloes in Northwest of Pakistan. Frontiers in Veterinary Science, 2021, 8, 746755.	2.2	20
18	Mycoplasma bovis subverts autophagy to promote intracellular replication in bovine mammary epithelial cells cultured in vitro. Veterinary Research, 2021, 52, 130.	3.0	6

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19	Efficacy and Safety of Dexmedetomidine Premedication in Balanced Anesthesia: A Systematic Review and Meta-Analysis in Dogs. Animals, 2021, 11, 3254.	2.3	15
20	Combination of Auranofin and ICG-001 Suppress the Proliferation and Metastasis of Colon Cancer. Frontiers in Oncology, 2021, 11, 738085.	2.8	5
21	Biological Characteristics and Pathogenicity of Helcococcus ovis Isolated From Clinical Bovine Mastitis in a Chinese Dairy Herd. Frontiers in Veterinary Science, 2021, 8, 756438.	2.2	6
22	Prototheca spp. induce an inflammatory response via mtROS-mediated activation of NF-Î ºB and NLRP3 inflammasome pathways in bovine mammary epithelial cell cultures. Veterinary Research, 2021, 52, 144.	3.0	12
23	Co-Occurrence of Plasmid-Mediated Colistin Resistance (mcr-1) and Extended-Spectrum Î²-Lactamase Encoding Genes in Escherichia coli from Bovine Mastitic Milk in China. Microbial Drug Resistance, 2020, 26, 685-696.	2.0	26
24	Effect of cadmium on osteoclast differentiation during bone injury in female mice. Environmental Toxicology, 2020, 35, 487-494.	4.0	39
25	In vitro immune responses of bovine mammary epithelial cells induced by Escherichia coli, with multidrug resistant extended-spectrum Î²-lactamase, isolated from mastitic milk. Microbial Pathogenesis, 2020, 149, 104494.	2.9	1
26	Selenomethionine Suppressed TLR4/NF-Î ºB Pathway by Activating Selenoprotein S to Alleviate ESBL Escherichia coli-Induced Inflammation in Bovine Mammary Epithelial Cells and Macrophages. Frontiers in Microbiology, 2020, 11, 1461.	3.5	17
27	Molecular characteristics and antibiotic susceptibility profiles of Mycoplasma bovis associated with mastitis on dairy farms in China. Preventive Veterinary Medicine, 2020, 182, 105106.	1.9	11
28	Puerarin restores the autophagic flux to alleviate cadmiumâ€'induced endoplasmic reticulum stress in NRKâ€'52E cells. Molecular Medicine Reports, 2020, 22, 2551-2563.	2.4	6
29	Mycoplasma bovis-generated reactive oxygen species and induced apoptosis in bovine mammary epithelial cell cultures. Journal of Dairy Science, 2020, 103, 10429-10445.	3.4	17
30	Chlorogenic acid promotes the Nrf2/HO-1 anti-oxidative pathway by activating p21Waf1/Cip1 to resist dexamethasone-induced apoptosis in osteoblastic cells. Free Radical Biology and Medicine, 2019, 137, 1-12.	2.9	92
31	Adherent/invasive capacities of bovine-associated Aerococcus viridans contribute to pathogenesis of acute mastitis in a murine model. Veterinary Microbiology, 2019, 230, 202-211.	1.9	13
32	Antimicrobial resistance profiles of 5 common bovine mastitis pathogens in large Chinese dairy herds. Journal of Dairy Science, 2019, 102, 2416-2426.	3.4	83
33	Alpha lipoic acid attenuates cadmium-induced nephrotoxicity via the mitochondrial apoptotic pathways in rat. Journal of Inorganic Biochemistry, 2018, 184, 19-26.	3.5	40
34	Virulence gene profiles: alpha-hemolysin and clonal diversity in Staphylococcus aureus isolates from bovine clinical mastitis in China. BMC Veterinary Research, 2018, 14, 63.	1.9	38
35	Characteristics ofEscherichia coliIsolated from Bovine Mastitis Exposed to Subminimum Inhibitory Concentrations of Cefalotin or Ceftazidime. BioMed Research International, 2018, 2018, 1-10.	1.9	9
36	ERK1/2 MAPK promotes autophagy to suppress ER stress-mediated apoptosis induced by cadmium in rat proximal tubular cells. Toxicology in Vitro, 2018, 52, 60-69.	2.4	37

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37	Development of a single-dose recombinant CAMP factor entrapping poly(lactide-co-glycolide) microspheres-based vaccine against Streptococcus agalactiae. Vaccine, 2017, 35, 1246-1253.	3.8	10
38	Beclin-1-mediated Autophagy Protects Against Cadmium-activated Apoptosis via the Fas/FasL Pathway in Primary Rat Proximal Tubular Cell Culture. Scientific Reports, 2017, 7, 977.	3.3	44
39	Incidence of clinical mastitis and distribution of pathogens on large Chinese dairy farms. Journal of Dairy Science, 2017, 100, 4797-4806.	3.4	154
40	Autophagy blockade and lysosomal membrane permeabilization contribute to lead-induced nephrotoxicity in primary rat proximal tubular cells. Cell Death and Disease, 2017, 8, e2863-e2863.	6.3	141
41	Comparison of treatment records and inventory of empty drug containers to quantify antimicrobial usage in dairy herds. Journal of Dairy Science, 2017, 100, 9736-9745.	3.4	44
42	Short communication: Molecular characteristics, antimicrobial susceptibility, and pathogenicity of clinical Nocardia cyriacigeorgica isolates from an outbreak of bovine mastitis. Journal of Dairy Science, 2017, 100, 8414-8421.	3.4	4
43	PARP-1 overexpression contributes to Cadmium-induced death in rat proximal tubular cells via parthanatos and the MAPK signalling pathway. Scientific Reports, 2017, 7, 4331.	3.3	25
44	Treatment of cadmium-induced renal oxidative damage in rats by administration of alpha-lipoic acid. Environmental Science and Pollution Research, 2017, 24, 1832-1844.	5.3	29
45	Prototheca zopfii isolated from bovine mastitis induced oxidative stress and apoptosis in bovine mammary epithelial cells. Oncotarget, 2017, 8, 31938-31947.	1.8	24
46	Nocardia cyriacigeogica from Bovine Mastitis Induced In vitro Apoptosis of Bovine Mammary Epithelial Cells via Activation of Mitochondrial-Caspase Pathway. Frontiers in Cellular and Infection Microbiology, 2017, 7, 194.	3.9	26
47	Cytoprotective effect of chlorogenic acid against hydrogen peroxide-induced oxidative stress in MC3T3-E1 cells through PI3K/Akt-mediated Nrf2/HO-1 signaling pathway. Oncotarget, 2017, 8, 14680-14692.	1.8	118
48	ESBL-Producing Escherichia coli from Cows Suffering Mastitis in China Contain Clinical Class 1 Integrons with CTX-M Linked to ISCR1. Frontiers in Microbiology, 2016, 7, 1931.	3.5	84
49	Caspase-Dependent and Caspase-Independent Pathways Are Involved in Cadmium-Induced Apoptosis in Primary Rat Proximal Tubular Cell Culture. PLoS ONE, 2016, 11, e0166823.	2.5	37
50	Molecular and Phenotypic Characterization of Aerococcus viridans Associated with Subclinical Bovine Mastitis. PLoS ONE, 2015, 10, e0125001.	2.5	20
51	Staphylococcal Enterotoxin H Induced Apoptosis of Bovine Mammary Epithelial Cells in Vitro. Toxins, 2014, 6, 3552-3567.	3.4	32
52	Phylogenetic group, virulence factors and antimicrobial resistance of Escherichia coli associated with bovine mastitis. Research in Microbiology, 2014, 165, 273-277.	2.1	58