

Gang Liu

List of Publications by Year in descending order

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52
papers

1,481
citations

411340
20
h-index

388640
36
g-index

52
all docs

52
docs citations

52
times ranked

1959
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Theileria in cattle in China: A systematic review and meta-analysis. <i>Microbial Pathogenesis</i> , 2022, 162, 105369.	1.3	5
2	Paeonol protects renal tubular cells against cadmium-induced cytotoxicity via alleviating oxidative stress, inhibiting inflammatory responses and restoring autophagy. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111733.	1.5	6
3	The prevalence, molecular characterization and antimicrobial resistance profiling of <i>Streptococcus agalactiae</i> isolated from clinical mastitis cases on large dairy farms in China. <i>Journal of Dairy Research</i> , 2022, 89, 75-79.	0.7	4
4	Effect of cadmium on Rho GTPases signal transduction during osteoclast differentiation. <i>Environmental Toxicology</i> , 2022, 37, 1608-1617.	2.1	3
5	Antimicrobial-induced horizontal transfer of antimicrobial resistance genes in bacteria: a mini-review. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 556-567.	1.3	20
6	Nrf2 and NF- κ B/NLRP3 inflammasome pathways are involved in <i>Prototheca bovis</i> infections of mouse mammary gland tissue and mammary epithelial cells. <i>Free Radical Biology and Medicine</i> , 2022, 184, 148-157.	1.3	8
7	Comparative Study of Preparation, Evaluation, and Pharmacokinetics in Beagle Dogs of Curcumin β -Cyclodextrin Inclusion Complex, Curcumin Solid Dispersion, and Curcumin Phospholipid Complex. <i>Molecules</i> , 2022, 27, 2998.	1.7	6
8	Characterization of <i>Streptococcus lutetiensis</i> isolated from clinical mastitis of dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 702-714.	1.4	15
9	Puerarin prevents cadmium-induced disorder of testicular lactic acid metabolism in rats by activating 5 α -AMP-activated protein kinase (AMPK)/sirtuin 1 (SIRT1) signaling pathway. <i>Environmental Toxicology</i> , 2021, 36, 945-957.	2.1	1
10	Bacteriophages isolated from dairy farm mitigated <i>Klebsiella pneumoniae</i> -induced inflammation in bovine mammary epithelial cells cultured in vitro. <i>BMC Veterinary Research</i> , 2021, 17, 37.	0.7	9
11	<i>Klebsiella pneumoniae</i> infection causes mitochondrial damage and dysfunction in bovine mammary epithelial cells. <i>Veterinary Research</i> , 2021, 52, 17.	1.1	16
12	Bacteriophage has beneficial effects in a murine model of <i>Klebsiella pneumoniae</i> mastitis. <i>Journal of Dairy Science</i> , 2021, 104, 3474-3484.	1.4	11
13	Cadmium exposure induces rat proximal tubular cells injury via p62-dependent Nrf2 nucleus translocation mediated activation of AMPK/AKT/mTOR pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 214, 112058.	2.9	17
14	Selenomethionine activates selenoprotein S, suppresses Fas/FasL and the mitochondrial pathway, and reduces <i>Escherichia coli</i> -induced apoptosis of bovine mammary epithelial cells. <i>Journal of Dairy Science</i> , 2021, 104, 10171-10182.	1.4	6
15	The epigenetic regulator BRD4 is involved in cadmium-triggered inflammatory response in rat kidney. <i>Ecotoxicology and Environmental Safety</i> , 2021, 224, 112620.	2.9	7
16	Overexpression of Mucin 1 Suppresses the Therapeutical Efficacy of Disulfiram against Canine Mammary Tumor. <i>Animals</i> , 2021, 11, 37.	1.0	4
17	Prevalence of Mastitis Pathogens and Antimicrobial Susceptibility of Isolates From Cattle and Buffaloes in Northwest of Pakistan. <i>Frontiers in Veterinary Science</i> , 2021, 8, 746755.	0.9	20
18	<i>Mycoplasma bovis</i> subverts autophagy to promote intracellular replication in bovine mammary epithelial cells cultured in vitro. <i>Veterinary Research</i> , 2021, 52, 130.	1.1	6

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19	Efficacy and Safety of Dexmedetomidine Premedication in Balanced Anesthesia: A Systematic Review and Meta-Analysis in Dogs. <i>Animals</i> , 2021, 11, 3254.	1.0	15
20	Combination of Auranofin and ICG-001 Suppress the Proliferation and Metastasis of Colon Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 738085.	1.3	5
21	Biological Characteristics and Pathogenicity of <i>Helicobacter</i> ovis Isolated From Clinical Bovine Mastitis in a Chinese Dairy Herd. <i>Frontiers in Veterinary Science</i> , 2021, 8, 756438.	0.9	6
22	<i>Prototheca</i> spp. induce an inflammatory response via mtROS-mediated activation of NF- κ B and NLRP3 inflammasome pathways in bovine mammary epithelial cell cultures. <i>Veterinary Research</i> , 2021, 52, 144.	1.1	12
23	Co-Occurrence of Plasmid-Mediated Colistin Resistance (<i>mcr-1</i>) and Extended-Spectrum β -Lactamase Encoding Genes in <i>Escherichia coli</i> from Bovine Mastitic Milk in China. <i>Microbial Drug Resistance</i> , 2020, 26, 685-696.	0.9	26
24	Effect of cadmium on osteoclast differentiation during bone injury in female mice. <i>Environmental Toxicology</i> , 2020, 35, 487-494.	2.1	39
25	In vitro immune responses of bovine mammary epithelial cells induced by <i>Escherichia coli</i> , with multidrug resistant extended-spectrum β -lactamase, isolated from mastitic milk. <i>Microbial Pathogenesis</i> , 2020, 149, 104494.	1.3	1
26	Selenomethionine Suppressed TLR4/NF- κ B Pathway by Activating Selenoprotein S to Alleviate ESBL <i>Escherichia coli</i> -Induced Inflammation in Bovine Mammary Epithelial Cells and Macrophages. <i>Frontiers in Microbiology</i> , 2020, 11, 1461.	1.5	17
27	Molecular characteristics and antibiotic susceptibility profiles of <i>Mycoplasma bovis</i> associated with mastitis on dairy farms in China. <i>Preventive Veterinary Medicine</i> , 2020, 182, 105106.	0.7	11
28	Puerarin restores the autophagic flux to alleviate cadmium-induced endoplasmic reticulum stress in NRK52E cells. <i>Molecular Medicine Reports</i> , 2020, 22, 2551-2563.	1.1	6
29	<i>Mycoplasma bovis</i> -generated reactive oxygen species and induced apoptosis in bovine mammary epithelial cell cultures. <i>Journal of Dairy Science</i> , 2020, 103, 10429-10445.	1.4	17
30	Chlorogenic acid promotes the Nrf2/HO-1 anti-oxidative pathway by activating p21Waf1/Cip1 to resist dexamethasone-induced apoptosis in osteoblastic cells. <i>Free Radical Biology and Medicine</i> , 2019, 137, 1-12.	1.3	92
31	Adherent/invasive capacities of bovine-associated <i>Aerococcus viridans</i> contribute to pathogenesis of acute mastitis in a murine model. <i>Veterinary Microbiology</i> , 2019, 230, 202-211.	0.8	13
32	Antimicrobial resistance profiles of 5 common bovine mastitis pathogens in large Chinese dairy herds. <i>Journal of Dairy Science</i> , 2019, 102, 2416-2426.	1.4	83
33	Alpha lipoic acid attenuates cadmium-induced nephrotoxicity via the mitochondrial apoptotic pathways in rat. <i>Journal of Inorganic Biochemistry</i> , 2018, 184, 19-26.	1.5	40
34	Virulence gene profiles: alpha-hemolysin and clonal diversity in <i>Staphylococcus aureus</i> isolates from bovine clinical mastitis in China. <i>BMC Veterinary Research</i> , 2018, 14, 63.	0.7	38
35	Characteristics of <i>Escherichia coli</i> Isolated from Bovine Mastitis Exposed to Subminimum Inhibitory Concentrations of Cefalotin or Ceftazidime. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	9
36	ERK1/2 MAPK promotes autophagy to suppress ER stress-mediated apoptosis induced by cadmium in rat proximal tubular cells. <i>Toxicology in Vitro</i> , 2018, 52, 60-69.	1.1	37

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37	Development of a single-dose recombinant CAMP factor entrapping poly(lactide-co-glycolide) microspheres-based vaccine against <i>Streptococcus agalactiae</i> . <i>Vaccine</i> , 2017, 35, 1246-1253.	1.7	10
38	Beclin-1-mediated Autophagy Protects Against Cadmium-activated Apoptosis via the Fas/FasL Pathway in Primary Rat Proximal Tubular Cell Culture. <i>Scientific Reports</i> , 2017, 7, 977.	1.6	44
39	Incidence of clinical mastitis and distribution of pathogens on large Chinese dairy farms. <i>Journal of Dairy Science</i> , 2017, 100, 4797-4806.	1.4	154
40	Autophagy blockade and lysosomal membrane permeabilization contribute to lead-induced nephrotoxicity in primary rat proximal tubular cells. <i>Cell Death and Disease</i> , 2017, 8, e2863-e2863.	2.7	141
41	Comparison of treatment records and inventory of empty drug containers to quantify antimicrobial usage in dairy herds. <i>Journal of Dairy Science</i> , 2017, 100, 9736-9745.	1.4	44
42	Short communication: Molecular characteristics, antimicrobial susceptibility, and pathogenicity of clinical <i>Nocardia cyriacigeorgica</i> isolates from an outbreak of bovine mastitis. <i>Journal of Dairy Science</i> , 2017, 100, 8414-8421.	1.4	4
43	PARP-1 overexpression contributes to Cadmium-induced death in rat proximal tubular cells via parthanatos and the MAPK signalling pathway. <i>Scientific Reports</i> , 2017, 7, 4331.	1.6	25
44	Treatment of cadmium-induced renal oxidative damage in rats by administration of alpha-lipoic acid. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1832-1844.	2.7	29
45	<i>Prototheca zopfii</i> isolated from bovine mastitis induced oxidative stress and apoptosis in bovine mammary epithelial cells. <i>Oncotarget</i> , 2017, 8, 31938-31947.	0.8	24
46	<i>Nocardia cyriacigeorgica</i> from Bovine Mastitis Induced In vitro Apoptosis of Bovine Mammary Epithelial Cells via Activation of Mitochondrial-Caspase Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 194.	1.8	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. <i>Oncotarget</i> , 2017, 8, 14680-14692.	0.8	118
48	ESBL-Producing <i>Escherichia coli</i> from Cows Suffering Mastitis in China Contain Clinical Class 1 Integrons with CTX-M Linked to ISCR1. <i>Frontiers in Microbiology</i> , 2016, 7, 1931.	1.5	84
49	Caspase-Dependent and Caspase-Independent Pathways Are Involved in Cadmium-Induced Apoptosis in Primary Rat Proximal Tubular Cell Culture. <i>PLoS ONE</i> , 2016, 11, e0166823.	1.1	37
50	Molecular and Phenotypic Characterization of <i>Aerococcus viridans</i> Associated with Subclinical Bovine Mastitis. <i>PLoS ONE</i> , 2015, 10, e0125001.	1.1	20
51	Staphylococcal Enterotoxin H Induced Apoptosis of Bovine Mammary Epithelial Cells in Vitro. <i>Toxins</i> , 2014, 6, 3552-3567.	1.5	32
52	Phylogenetic group, virulence factors and antimicrobial resistance of <i>Escherichia coli</i> associated with bovine mastitis. <i>Research in Microbiology</i> , 2014, 165, 273-277.	1.0	58