Liang Zhang

List of Publications by Year
in descending order

25 papers	353 citations	687363 13 h-index	839539 18 g-index
25 all docs	25 docs citations	25 times ranked	425 citing authors

#	Article	IF	Citations
1	MicroRNA-221-5p Inhibits Porcine Epidemic Diarrhea Virus Replication by Targeting Genomic Viral RNA and Activating the NF-Î¹B Pathway. International Journal of Molecular Sciences, 2018, 19, 3381.	4.1	43
2	Dual-readout fluorescence quenching immunochromatographic test strips for highly sensitive simultaneous detection of chloramphenicol and amantadine based on gold nanoparticle-triggered photoluminescent nanoswitch control. Journal of Hazardous Materials, 2022, 429, 128316.	12.4	43
3	Porcine parvovirus infection induces apoptosis in PK-15 cells through activation of p53 and mitochondria-mediated pathway. Biochemical and Biophysical Research Communications, 2015, 456, 649-655.	2.1	30
4	miR-27b attenuates apoptosis induced by transmissible gastroenteritis virus (TGEV) infection via targeting runt-related transcription factor 1 (RUNX1). PeerJ, 2016, 4, e1635.	2.0	26
5	Antiviral Role of IFITM Proteins in Classical Swine Fever Virus Infection. Viruses, 2019, 11, 126.	3.3	23
6	Melamine causes testicular toxicity by destroying blood-testis barrier in piglets. Toxicology Letters, 2018, 296, 114-124.	0.8	18
7	Metabolites of stable fly reduce diarrhea in mice by modulating the immune system, antioxidants, and composition of gut microbiota. Microbial Pathogenesis, 2019, 134, 103557.	2.9	18
8	Immortalization of porcine placental trophoblast cells through reconstitution of telomerase activity. Theriogenology, 2016, 85, 1446-1456.	2.1	16
9	Rab18 binds to classical swine fever virus NS5A and mediates viral replication and assembly in swine umbilical vein endothelial cells. Virulence, 2020, 11, 489-501.	4.4	16
10	Catecholamines Promote Actinobacillus pleuropneumoniae Growth by Regulating Iron Metabolism. PLoS ONE, 2015, 10, e0121887.	2.5	15
11	Adsorption and convenient ELISA detection of sulfamethazine in milk based on MOFs pretreatment. Food Chemistry, 2022, 374, 131712.	8.2	15
12	Melatonin stimulates the secretion of progesterone along with the expression of cholesterol side-chain cleavage enzyme (P450scc) and steroidogenic acute regulatory protein (StAR) in corpus luteum of pregnant sows. Theriogenology, 2018, 108, 297-305.	2.1	14
13	Swainsonine-induced apoptosis pathway in cerebral cortical neurons. Research in Veterinary Science, 2015, 102, 34-37.	1.9	13
14	Porcine parvovirus infection impairs progesterone production in luteal cells through mitogen-activated protein kinases, p53, and mitochondria-mediated apoptosisâ€. Biology of Reproduction, 2018, 98, 558-569.	2.7	11
15	Establishment and characterization of a telomerase immortalized porcine luteal cells. Theriogenology, 2017, 94, 105-113.	2.1	10
16	Extracellular vesicles originating from autophagy mediate an antibody-resistant spread of classical swine fever virus in cell culture. Autophagy, 2022, 18, 1433-1449.	9.1	8
17	Rab1b-GBF1-ARFs mediated intracellular trafficking is required for classical swine fever virus replication in swine umbilical vein endothelial cells. Veterinary Microbiology, 2020, 246, 108743.	1.9	7
18	ARFGAP1 binds to classical swine fever virus NS5A protein and enhances CSFV replication in PK-15 cells. Veterinary Microbiology, 2021, 255, 109034.	1.9	7

#	Article	IF	Citations
19	MiR-126 Regulates Properties of SOX9+ Liver Progenitor Cells during Liver Repair by Targeting Hoxb6. Stem Cell Reports, 2020, 15, 706-720.	4.8	6
20	Characterization of Salmonella isolated from donkeys during an abortion storm in China. Microbial Pathogenesis, 2021, 161, 105080.	2.9	4
21	Transcriptional regulation of microRNA-126a by farnesoid X receptor in vitro and in vivo. Biotechnology Letters, 2020, 42, 1327-1336.	2.2	3
22	ARF1 with Sec7 Domain-Dependent GBF1 Activates Coatomer Protein I To Support Classical Swine Fever Virus Entry. Journal of Virology, 2022, 96, jvi0219321.	3.4	3
23	Next-generation sequencing for the genetic characterization of Maedi/Visna virus isolated from the northwest of China. Journal of Veterinary Science, 2021, 22, e66.	1.3	2
24	Rab22a cooperates with Rab5 and NS4B in classical swine fever virus entry process. Veterinary Microbiology, 2022, 266, 109363.	1.9	2
25	Recombinant Antibody-Based and Computer-Aided Comprehensive Analysis of Antibodyâ€™s Equivalent Recognition Mechanism of Alternariol and Alternariol Monomethyl Ether. Frontiers in Chemistry, 2022, 10, 871659.	3.6	0