Kai Zhang

List of Publications by Year
in descending order

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24 papers	613 citations	623734 14 h-index	610901 24 g-index
24 all docs	24 docs citations	24 times ranked	624 citing authors

#	Article	IF	Citations
1	Rumen-derived lipopolysaccharide provoked inflammatory injury in the liver of dairy cows fed a high-concentrate diet. Oncotarget, 2017, 8, 46769-46780.	1.8	66
2	The WRKY transcription factors in the diploid woodland strawberry Fragaria vesca : Identification and expression analysis under biotic and abiotic stresses. Plant Physiology and Biochemistry, 2016, 105, 129-144.	5.8	65
3	Feeding a high-grain diet reduces the percentage of LPS clearance and enhances immune gene expression in goat liver. BMC Veterinary Research, 2015, 11, 67.	1.9	54
4	Lipopolysaccharide derived from the digestive tract activates inflammatory gene expression and inhibits casein synthesis in the mammary glands of lactating dairy cows. Oncotarget, 2016, 7, 9652-9665.	1.8	42
5	Hepatic TLR4 signaling is activated by LPS from digestive tract during SARA, and epigenetic mechanisms contribute to enforced TLR4 expression. Oncotarget, 2015, 6, 38578-38590.	1.8	41
6	Lipopolysaccharide derived from the rumen down-regulates stearoyl-CoA desaturase 1 expression and alters fatty acid composition in the liver of dairy cows fed a high-concentrate diet. BMC Veterinary Research, 2015, 11, 52.	1.9	40
7	Lipopolysaccharide derived from the digestive tract triggers an inflammatory response in the uterus of mid-lactating dairy cows during SARA. BMC Veterinary Research, 2016, 12, 284.	1.9	37
8	MicroRNA-322 inhibits inflammatory cytokine expression and promotes cell proliferation in LPS-stimulated murine macrophages by targeting NF-Î²B1 (p50). Bioscience Reports, 2017, 37, .	2.4	33
9	Rumen-derived lipopolysaccharide enhances the expression of lingual antimicrobial peptide in mammary glands of dairy cows fed a high-concentrate diet. BMC Veterinary Research, 2016, 12, 128.	1.9	28
10	Sodium Butyrate Improves High-Concentrate-Diet-Induced Impairment of Ruminal Epithelium Barrier Function in Goats. Journal of Agricultural and Food Chemistry, 2018, 66, 8729-8736.	5.2	27
11	Mitochondrial miR-1285 regulates copper-induced mitochondrial dysfunction and mitophagy by impairing IDH2 in pig jejunal epithelial cells. Journal of Hazardous Materials, 2022, 422, 126899.	12.4	27
12	Identification and expression analysis of heat shock transcription factors in the wild Chinese grapevine (Vitis pseudoreticulata). Plant Physiology and Biochemistry, 2016, 99, 1-10.	5.8	24
13	Epigenetic Mechanisms Contribute to the Expression of Immune Related Genes in the Livers of Dairy Cows Fed a High Concentrate Diet. PLoS ONE, 2015, 10, e0123942.	2.5	20
14	A Thioredoxin Homologous Protein of Plasmodium falciparum Participates in Erythrocyte Invasion. Infection and Immunity, 2018, 86, .	2.2	16
15	Rumen-derived lipopolysaccharide induced ruminal epithelium barrier damage in goats fed a high-concentrate diet. Microbial Pathogenesis, 2019, 131, 81-86.	2.9	15
16	Feeding a High Concentrate Diet Down-Regulates Expression of ACACA, LPL and SCD and Modifies Milk Composition in Lactating Goats. PLoS ONE, 2015, 10, e0130525.	2.5	14
17	Residues of Salbutamol and Identification of Its Metabolites in Beef Cattle. Journal of Agricultural and Food Chemistry, 2017, 65, 2867-2875.	5.2	13
18	Toxicological mechanism of large amount of copper supplementation: Effects on endoplasmic reticulum stress and mitochondria-mediated apoptosis by Nrf2/HO-1 pathway-induced oxidative stress in the porcine myocardium. Journal of Inorganic Biochemistry, 2022, 230, 111750.	3.5	11

#	Article	IF	Citations
19	Hair Analysis to Monitor the Illegal Use of Salbutamol in Beef Cattle. Journal of Analytical Toxicology, 2017, 41, 65-70.	2.8	9
20	Ractopamine Residues in Beef Cattle Hair During and After Treatment. Journal of Analytical Toxicology, 2016, 40, 153-158.	2.8	8
21	Salbutamol Residues in Plasma, Urine and Hair of Heifers After a Single Dose and Throughout. Journal of Analytical Toxicology, 2016, 40, 454-459.	2.8	7
22	The genetic and phylogenetic analysis of a highly pathogenic influenza A H5N6 virus from a heron, southern China, 2013. Infection, Genetics and Evolution, 2018, 59, 72-74.	2.3	6
23	The Potential of Various Living Tissues for Monitoring Clenbuterol Abuse in Food-Producing Chinese Simmental Beef Cattle. Journal of Analytical Toxicology, 2015, 40, bkv118.	2.8	5
24	Codonopsis pilosula polysaccharides attenuate Escherichia coli-induced acute lung injury in mice. Food and Function, 2022, 13, 7999-8011.	4.6	5