Kan Xiao

List of Publications by Year
in descending order

14 papers	223 citations	1307594 7 h-index	1058476 14 g-index
14 all docs	14 docs citations	14 times ranked	187 citing authors

#	Article	IF	Citations
1	Necroptosis is active and contributes to intestinal injury in a piglet model with lipopolysaccharide challenge. Cell Death and Disease, 2021, 12, 62.	6.3	43
2	EPA and DHA attenuate deoxynivalenolâ€induced intestinal porcine epithelial cell injury and protect barrier function integrity by inhibiting necroptosis signaling pathway. FASEB Journal, 2020, 34, 2483-2496.	0.5	41
3	Activation of the NF-Î°B and MAPK Signaling Pathways Contributes to the Inflammatory Responses, but Not Cell Injury, in IPEC-1 Cells Challenged with Hydrogen Peroxide. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-14.	4.0	34
4	Xylooligosaccharide attenuates lipopolysaccharide-induced intestinal injury in piglets via suppressing inflammation and modulating cecal microbial communities. Animal Nutrition, 2021, 7, 609-620.	5.1	28
5	Necroptosis Underlies Hepatic Damage in a Piglet Model of Lipopolysaccharide-Induced Sepsis. Frontiers in Immunology, 2021, 12, 633830.	4.8	23
6	Polyphenols Sourced from Ilex latifolia Thunb. Relieve Intestinal Injury via Modulating Ferroptosis in Weanling Piglets under Oxidative Stress. Antioxidants, 2022, 11, 966.	5.1	13
7	EPA and DHA confer protection against deoxynivalenol-induced endoplasmic reticulum stress and iron imbalance in IPEC-1 cells. British Journal of Nutrition, 2022, 128, 161-171.	2.3	12
8	Docosahexaenoic acid alleviates cell injury and improves barrier function by suppressing necroptosis signalling in TNF-Î±-challenged porcine intestinal epithelial cells. Innate Immunity, 2020, 26, 653-665.	2.4	6
9	Modulation of intestinal stem cell homeostasis by nutrients: a novel therapeutic option for intestinal diseases. Nutrition Research Reviews, 2022, 35, 150-158.	4.1	5
10	Long-chain PUFA ameliorate enterotoxigenic Escherichia coli-induced intestinal inflammation and cell injury by modulating pyroptosis and necroptosis signaling pathways in porcine intestinal epithelial cells. British Journal of Nutrition, 2022, 128, 835-850.	2.3	5
11	Glycine alleviated diquat-induced hepatic injury via inhibiting ferroptosis in weaned piglets. Animal Bioscience, 2022, 35, 938-947.	2.0	4
12	Lysine-Specific Demethylase 1 in Energy Metabolism: A Novel Target for Obesity. Journal of Nutrition, 2022, 152, 1611-1620.	2.9	4
13	Glutamate attenuates lipopolysaccharide induced intestinal barrier injury by regulating corticotropin-releasing factor pathway in weaned pigs. Animal Bioscience, 2022, 35, 1235-1249.	2.0	3
14	Holly polyphenols attenuate liver injury, suppression inflammation and oxidative stress in lipopolysaccharide-challenged weaned pigs. Food and Agricultural Immunology, 2022, 33, 35-46.	1.4	2