Jianwei Zhou

List of Publications by Year
in descending order

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14 papers	403 citations	1307594 7 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	423 citing authors

#	Article	IF	Citations
1	Convergent Evolution of Rumen Microbiomes in High-Altitude Mammals. Current Biology, 2016, 26, 1873-1879.	3.9	281
2	Tibetan sheep have a high capacity to absorb and to regulate metabolism of SCFA in the rumen epithelium to adapt to low energy intake. British Journal of Nutrition, 2020, 123, 721-736.	2.3	22
3	Lower Methane Emissions from Yak Compared with Cattle in Rusitec Fermenters. PLoS ONE, 2017, 12, e0170044.	2.5	18
4	Rumen parameters of yaks (Bos grunniens) and indigenous cattle (Bos taurus) grazing on the Qinghaiâ€Tibetan Plateau. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 969-976.	2.2	17
5	Carcass parameters and meat quality of Tibetan sheep and Smallâ€tailed Han sheep consuming diets of lowâ€protein content and different energy yields. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1010-1023.	2.2	15
6	Adding heatâ€treated rapeseed to the diet of yak improves growth performance and tenderness and nutritional quality of the meat. Animal Science Journal, 2019, 90, 1177-1184.	1.4	14
7	Trolox-equivalent antioxidant capacity and composition of five alpine plant species growing at different elevations on the Qinghaiâ€“Tibetan Plateau. Plant Ecology and Diversity, 2016, 9, 387-396.	2.4	11
8	Comparison between Tibetan and Small-tailed Han sheep in adipocyte phenotype, lipid metabolism and energy homoeostasis regulation of adipose tissues when consuming diets of different energy levels. British Journal of Nutrition, 2020, 124, 668-680.	2.3	7
9	Effect of dietary energy on digestibilities, rumen fermentation, urinary purine derivatives and serum metabolites in Tibetan and smallâ€tailed Han sheep. Journal of Animal Physiology and Animal Nutrition, 2019, 103, 977-987.	2.2	6
10	Effect of air temperature on growth performance, apparent digestibilities, rumen fermentation and serum metabolites in Altay and Hu lambs. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1024-1033.	2.2	5
11	Transcriptome Analysis Reveals Genes Involved in Thermogenesis in Two Cold-Exposed Sheep Breeds. Genes, 2021, 12, 375.	2.4	4
12	Effect of Supplementary Levels of Rumen-Protected Lysine and Methionine on Growth Performance, Carcass Traits, and Meat Quality in Feedlot Yaks (Bos grunniens). Animals, 2021, 11, 3384.	2.3	2
13	Transcriptome Profiles of the Liver in Two Cold-Exposed Sheep Breeds Revealed Different Mechanisms and Candidate Genes for Thermogenesis. Genetical Research, 2021, 2021, 1-11.	0.9	1
14	Hypothalamic regulation of energy homoeostasis when consuming diets of different energy concentrations: comparison between Tibetan and Small-tailed Han sheep. British Journal of Nutrition, 2022, 127, 1132-1142.	2.3	0