Hao Wu

List of Publications by Year
in descending order

21 papers	351 citations	1040056 9 h-index	888059 17 g-index
22 all docs	22 docs citations	22 times ranked	326 citing authors

#	Article	IF	Citations
1	Rumen Microbiome and Metabolome of High and Low Residual Feed Intake Angus Heifers. Frontiers in Veterinary Science, 2022, 9, 812861.	2.2	15
2	Small Intestine Microbiome and Metabolome of High and Low Residual Feed Intake Angus Heifers. Frontiers in Microbiology, 2022, 13, 862151.	3.5	7
3	In Vitro Neutral Detergent Cellulase Method and Chemical Composition to Predict In Vivo Fermentable Organic Matter of Roughages. Animals, 2021, 11, 1594.	2.3	0
4	Effect of Hybrid Type on Fermentation and Nutritional Parameters of Whole Plant Corn Silage. Animals, 2021, 11, 1587.	2.3	5
5	Effect of High Sulfur Diet on Rumen Fermentation, Microflora, and Epithelial Barrier Function in Steers. Animals, 2021, 11, 2545.	2.3	7
6	Effects of applying cellulase and starch on the fermentation characteristics and microbial communities of Napier grass (Pennisetum purpureum Schum.) silage. Journal of Animal Science and Technology, 2021, 63, 1301-1313.	2.5	6
7	Effect of steam explosion of oil palm frond and empty fruit bunch on nutrient composition and ruminal fermentation characteristics. Tropical Animal Health and Production, 2020, 52, 1223-1228.	1.4	7
8	A mixture of potassium sorbate and sodium benzoate improved fermentation quality of wholeâ€plant corn silage by shifting bacterial communities. Journal of Applied Microbiology, 2020, 128, 1312-1323.	3.1	19
9	Metatranscriptomic Profiling Reveals the Effect of Breed on Active Rumen Eukaryotic Composition in Beef Cattle With Varied Feed Efficiency. Frontiers in Microbiology, 2020, 11, 367.	3.5	20
10	Effect of anti-inflammatory compounds or antibiotic administration on receiving performance and physiological responses of transported heifers. Journal of Animal Science, 2020, 98, .	0.5	2
11	Estimating ruminal crude protein degradation from beef cattle feedstuff. Scientific Reports, 2019, 9, 11368.	3.3	8
12	Steam Explosion Treatment of Byproduct Feedstuffs for Potential Use as Ruminant Feed. Animals, 2019, 9, 688.	2.3	6
13	Effects of Adding Various Silage Additives to Whole Corn Crops at Ensiling on Performance, Rumen Fermentation, and Serum Physiological Characteristics of Growing-Finishing Cattle. Animals, 2019, 9, 695.	2.3	12
14	Dynamic Alterations in Yak Rumen Bacteria Community and Metabolome Characteristics in Response to Feed Type. Frontiers in Microbiology, 2019, 10, 1116.	3.5	136
15	Ferric citrate, nitrate, saponin and their combinations affect in vitro ruminal fermentation, production of sulphide and methane and abundance of select microbial populations. Journal of Applied Microbiology, 2019, 127, 150-158.	3.1	10
16	Steam-exploded sugarcane bagasse as a potential beef cattle feedstock: effects of different pretreatment conditions1. Journal of Animal Science, 2019, 97, 2414-2423.	0.5	6
17	The effects of including corn silage, corn stalk silage, and corn grain in finishing ration of beef steers on meat quality and oxidative stability. Meat Science, 2018, 139, 142-148.	5.5	19
18	Nitrate decreases ruminal methane production with slight changes to ruminal methanogen composition of nitrate-adapted steers. BMC Microbiology, 2018, 18, 21.	3.3	12

#	Article	IF	Citations
19	Effect of urea-supplemented diets on the ruminal bacterial and archaeal community composition of finishing bulls. Applied Microbiology and Biotechnology, 2017, 101, 6205-6216.	3.6	22
20	Evaluation of ferric oxide and ferric citrate for their effects on fermentation, production of sulfide and methane, and abundance of select microbial populations using in vitro rumen cultures. Bioresource Technology, 2016, 211, 603-609.	9.6	8
21	Effect of pH buffering capacity and sources of dietary sulfur on rumen fermentation, sulfide production, methane production, sulfate reducing bacteria, and total Archaea in in vitro rumen cultures. Bioresource Technology, 2015, 186, 25-33.	9.6	24