Sung Sill Lee

List of Publications by Year
in descending order

42	414	840585 11	839398 18
papers	citations	h-index	g-index

42	42	42	459
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of oriental medicinal plants on the reduction of methane production mediated by microbial population. Italian Journal of Animal Science, 2022, 21, 522-531.	0.8	1
2	Dose-response effects of Poncirus trifoliata extract on inÂvitro ruminal methane production, fermentation, and microbial abundance. Italian Journal of Animal Science, 2022, 21, 595-604.	0.8	0
3	Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy. Journal of Animal Science and Technology, 2022, 64, 247-261.	0.8	7
4	Breed and Season-Specific Methane Conversion Factors Influence Methane Emission Factor for Enteric Methane of Dairy Steers. Sustainability, 2022, 14, 7030.	1.6	2
5	Metabolomic and transcriptomic study to understand changes in metabolic and immune responses in steers under heat stress. Animal Nutrition, 2022, , .	2.1	0
6	Exploration of metabolite profiles in the biofluids of dairy cows by proton nuclear magnetic resonance analysis. PLoS ONE, 2021, 16, e0246290.	1.1	13
7	In vitro five brown algae extracts for efficiency of ruminal fermentation and methane yield. Journal of Applied Phycology, 2021, 33, 1253-1262.	1.5	12
8	Metabolomics comparison of rumen fluid and milk in dairy cattle using proton nuclear magnetic resonance spectroscopy. Animal Bioscience, 2021, 34, 213-222.	0.8	11
9	Dynamics of bacterial communities in vaginas and feces between pre and postpartum of dairy cows. Korean Journal of Veterinary Research, 2021, 61, e2.	0.1	0
10	Diet Transition from High-Forage to High-Concentrate Alters Rumen Bacterial Community Composition, Epithelial Transcriptomes and Ruminal Fermentation Parameters in Dairy Cows. Animals, 2021, 11, 838.	1.0	33
11	Seasonal Influence on Rumen Microbiota, Rumen Fermentation, and Enteric Methane Emissions of Holstein and Jersey Steers under the Same Total Mixed Ration. Animals, 2021, 11, 1184.	1.0	11
12	Metabolomics comparison of serum and urine in dairy cattle using proton nuclear magnetic resonance spectroscopy. Animal Bioscience, 2021, 34, 1930-1939.	0.8	2
13	Effects of Olive (Olea europaea L.) Leaves with Antioxidant and Antimicrobial Activities on In Vitro Ruminal Fermentation and Methane Emission. Animals, 2021, 11, 2008.	1.0	6
14	Metabolic Profiling of Rumen Fluid and Milk in Lactating Dairy Cattle Influenced by Subclinical Ketosis Using Proton Nuclear Magnetic Resonance Spectroscopy. Animals, 2021, 11, 2526.	1.0	5
15	Effects of seaweed extracts on in vitro rumen fermentation characteristics, methane production, and microbial abundance. Scientific Reports, 2021, 11, 24092.	1.6	21
16	In vitro and in situ evaluation of Undaria pinnatifida as a feed ingredient for ruminants. Journal of Applied Phycology, 2020, 32, 729-739.	1.5	9
17	The potential nutritive value of Sargassum fulvellum as a feed ingredient for ruminants. Algal Research, 2020, 45, 101761.	2.4	18
18	Metabolomics Comparison of Hanwoo (Bos taurus coreanae) Biofluids Using Proton Nuclear Magnetic Resonance Spectroscopy. Metabolites, 2020, 10, 333.	1.3	4

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19	New challenges for efficient usage of Sargassum fusiforme for ruminant production. Scientific Reports, 2020, 10, 19655.	1.6	15
20	Effects of the Appropriate Addition of Antioxidants from Pinus densiflora and Mentha canadensis Extracts on Methane Emission and Rumen Fermentation. Animals, 2020, 10, 1888.	1.0	4
21	Effects of supplementation levels of Allium fistulosum L. extract on in vitro ruminal fermentation characteristics and methane emission. PeerJ, 2020, 8, e9651.	0.9	4
22	Effects of Lonicera japonica extract supplementation on in vitro ruminal fermentation, methane emission, and microbial population. Animal Science Journal, 2019, 90, 1170-1176.	0.6	6
23	Impact of Ecklonia stolonifera extract on in vitro ruminal fermentation characteristics, methanogenesis, and microbial populations. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1864-1872.	2.4	8
24	Recent insight and future techniques to enhance rumen fermentation in dairy goats. Asian-Australasian Journal of Animal Sciences, 2019, 32, 1321-1330.	2.4	12
25	Effects of illite supplementation on inÂvitro and inÂvivo rumen fermentation, microbial population and methane emission of Hanwoo steers fed high concentrate diets. Animal Science Journal, 2018, 89, 114-121.	0.6	9
26	Effect of Rhodophyta extracts on in vitro ruminal fermentation characteristics, methanogenesis and microbial populations. Asian-Australasian Journal of Animal Sciences, 2018, 31, 54-62.	2.4	14
27	Effect of corn grain particle size on ruminal fermentation and blood metabolites of Holstein steers fed total mixed ration. Asian-Australasian Journal of Animal Sciences, 2018, 31, 80-85.	2.4	5
28	Effects of Gelidium amansii extracts on in vitro ruminal fermentation characteristics, methanogenesis, and microbial populations. Asian-Australasian Journal of Animal Sciences, 2018, 31, 71-79.	2.4	8
29	In vitro evaluation of Rhus succedanea extracts for ruminants. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1635-1642.	2.4	12
30	Investigation of blood biomarkers related to meat quality and quantity in Hanwoo steers. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1923-1929.	2.4	2
31	Effect of optimal sodium stearoyl-2-lactylate supplementation on growth performance and blood and carcass characteristics in Hanwoo steers during the early fattening period. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1442-1448.	2.4	4
32	Effect of sodium stearoyl-2-lactylate supplementation on lactation performance, blood-biochemical profile, and economic efficacy of mid-lactation Holstein cows. Asian-Australasian Journal of Animal Sciences, 2018, 31, 1458-1463.	2.4	1
33	Effects of feeding system on growth performance, plasma biochemical components and hormones, and carcass characteristics in Hanwoo steers. Asian-Australasian Journal of Animal Sciences, 2017, 30, 1117-1123.	2.4	10
34	Use of Lysozyme as a Feed Additive on In vitro Rumen Fermentation and Methane Emission. Asian-Australasian Journal of Animal Sciences, 2016, 29, 1601-1607.	2.4	12
35	Effects of Medicinal Herb Extracts on <i>In vitro</i> Ruminal Methanogenesis, Microbe Diversity and Fermentation System. Asian-Australasian Journal of Animal Sciences, 2016, 29, 1280-1286.	2.4	5
36	A Study on Changes in Feed Digestibility and Establishment of Energy Requirement for Maintenance of Growing Hanwoo Steers under Severe Heat Stress. Journal of Agriculture & Life Science, 2016, 50, 163-172.	0.1	1

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37	Effects of Cordyceps militaris on the growth of rumen microorganisms and in vitro rumen fermentation with respect to methane emissions. Journal of Dairy Science, 2014, 97, 7065-7075.	1.4	11
38	Effects of bamboo charcoal and bamboo vinegar as antibiotic alternatives on growth performance, immune responses and fecal microflora population in fattening pigs. Animal Science Journal, 2013, 84, 113-120.	0.6	67
39	Effects of Methylcellulose on Cellulolytic Bacteria Attachment and Rice Straw Degradation in the <italic>In vitro</italic> Rumen Fermentation. Asian-Australasian Journal of Animal Sciences, 2013, 26, 1276-1281.	2.4	3
40	Effects of Halogenated Compounds on in vitro Fermentation Characteristics in the Rumen and Methane Emissions. Journal of Life Science, 2012, 22, 1187-1193.	0.2	6
41	Effects of Catechins and Wheat Bran on the Beef Color in the Late Fattening Period of Hanwoo Steers. Asian-Australasian Journal of Animal Sciences, 2012, 25, 832-838.	2.4	0
42	Efficacy of probiotics from anaerobic microflora with prebiotics on growth performance and noxious gas emission in growing pigs. Animal Science Journal, 2011, 82, 282-290.	0.6	40