

# Sung Sill Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

414  
citations

840585

11  
h-index

839398

18  
g-index

42  
all docs

42  
docs citations

42  
times ranked

459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of bamboo charcoal and bamboo vinegar as antibiotic alternatives on growth performance, immune responses and fecal microflora population in fattening pigs. <i>Animal Science Journal</i> , 2013, 84, 113-120.	0.6	67
2	Efficacy of probiotics from anaerobic microflora with prebiotics on growth performance and noxious gas emission in growing pigs. <i>Animal Science Journal</i> , 2011, 82, 282-290.	0.6	40
3	Diet Transition from High-Forage to High-Concentrate Alters Rumen Bacterial Community Composition, Epithelial Transcriptomes and Ruminal Fermentation Parameters in Dairy Cows. <i>Animals</i> , 2021, 11, 838.	1.0	33
4	Effects of seaweed extracts on in vitro rumen fermentation characteristics, methane production, and microbial abundance. <i>Scientific Reports</i> , 2021, 11, 24092.	1.6	21
5	The potential nutritive value of <i>Sargassum fulvellum</i> as a feed ingredient for ruminants. <i>Algal Research</i> , 2020, 45, 101761.	2.4	18
6	New challenges for efficient usage of <i>Sargassum fusiforme</i> for ruminant production. <i>Scientific Reports</i> , 2020, 10, 19655.	1.6	15
7	Effect of Rhodophyta extracts on in vitro ruminal fermentation characteristics, methanogenesis and microbial populations. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 54-62.	2.4	14
8	Exploration of metabolite profiles in the biofluids of dairy cows by proton nuclear magnetic resonance analysis. <i>PLoS ONE</i> , 2021, 16, e0246290.	1.1	13
9	Use of Lysozyme as a Feed Additive on In vitro Rumen Fermentation and Methane Emission. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1601-1607.	2.4	12
10	In vitro five brown algae extracts for efficiency of ruminal fermentation and methane yield. <i>Journal of Applied Phycology</i> , 2021, 33, 1253-1262.	1.5	12
11	In vitro evaluation of <i>Rhus succedanea</i> extracts for ruminants. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1635-1642.	2.4	12
12	Recent insight and future techniques to enhance rumen fermentation in dairy goats. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1321-1330.	2.4	12
13	Effects of <i>Cordyceps militaris</i> on the growth of rumen microorganisms and in vitro rumen fermentation with respect to methane emissions. <i>Journal of Dairy Science</i> , 2014, 97, 7065-7075.	1.4	11
14	Metabolomics comparison of rumen fluid and milk in dairy cattle using proton nuclear magnetic resonance spectroscopy. <i>Animal Bioscience</i> , 2021, 34, 213-222.	0.8	11
15	Seasonal Influence on Rumen Microbiota, Rumen Fermentation, and Enteric Methane Emissions of Holstein and Jersey Steers under the Same Total Mixed Ration. <i>Animals</i> , 2021, 11, 1184.	1.0	11
16	Effects of feeding system on growth performance, plasma biochemical components and hormones, and carcass characteristics in Hanwoo steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2017, 30, 1117-1123.	2.4	10
17	Effects of illite supplementation on <i>in vitro</i> and <i>in vivo</i> rumen fermentation, microbial population and methane emission of Hanwoo steers fed high concentrate diets. <i>Animal Science Journal</i> , 2018, 89, 114-121.	0.6	9
18	In vitro and in situ evaluation of <i>Undaria pinnatifida</i> as a feed ingredient for ruminants. <i>Journal of Applied Phycology</i> , 2020, 32, 729-739.	1.5	9

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19	Effects of <i>Gelidium amansii</i> extracts on in vitro ruminal fermentation characteristics, methanogenesis, and microbial populations. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 71-79.	2.4	8
20	Impact of <i>Ecklonia stolonifera</i> extract on in vitro ruminal fermentation characteristics, methanogenesis, and microbial populations. <i>Asian-Australasian Journal of Animal Sciences</i> , 2019, 32, 1864-1872.	2.4	8
21	Metabolic profiling of serum and urine in lactating dairy cows affected by subclinical ketosis using proton nuclear magnetic resonance spectroscopy. <i>Journal of Animal Science and Technology</i> , 2022, 64, 247-261.	0.8	7
22	Effects of <i>Lonicera japonica</i> extract supplementation on in vitro ruminal fermentation, methane emission, and microbial population. <i>Animal Science Journal</i> , 2019, 90, 1170-1176.	0.6	6
23	Effects of Olive ( <i>Olea europaea</i> L.) Leaves with Antioxidant and Antimicrobial Activities on In Vitro Ruminal Fermentation and Methane Emission. <i>Animals</i> , 2021, 11, 2008.	1.0	6
24	Effects of Halogenated Compounds on in vitro Fermentation Characteristics in the Rumen and Methane Emissions. <i>Journal of Life Science</i> , 2012, 22, 1187-1193.	0.2	6
25	Metabolic Profiling of Rumen Fluid and Milk in Lactating Dairy Cattle Influenced by Subclinical Ketosis Using Proton Nuclear Magnetic Resonance Spectroscopy. <i>Animals</i> , 2021, 11, 2526.	1.0	5
26	Effects of Medicinal Herb Extracts on <i>In vitro</i> Ruminal Methanogenesis, Microbe Diversity and Fermentation System. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1280-1286.	2.4	5
27	Effect of corn grain particle size on ruminal fermentation and blood metabolites of Holstein steers fed total mixed ration. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 80-85.	2.4	5
28	Metabolomics Comparison of Hanwoo ( <i>Bos taurus coreanae</i> ) Biofluids Using Proton Nuclear Magnetic Resonance Spectroscopy. <i>Metabolites</i> , 2020, 10, 333.	1.3	4
29	Effects of the Appropriate Addition of Antioxidants from <i>Pinus densiflora</i> and <i>Mentha canadensis</i> Extracts on Methane Emission and Rumen Fermentation. <i>Animals</i> , 2020, 10, 1888.	1.0	4
30	Effect of optimal sodium stearoyl-2-lactylate supplementation on growth performance and blood and carcass characteristics in Hanwoo steers during the early fattening period. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1442-1448.	2.4	4
31	Effects of supplementation levels of <i>Allium fistulosum</i> L. extract on in vitro ruminal fermentation characteristics and methane emission. <i>PeerJ</i> , 2020, 8, e9651.	0.9	4
32	Effects of Methylcellulose on Cellulolytic Bacteria Attachment and Rice Straw Degradation in the <i>In vitro</i> Rumen Fermentation. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1276-1281.	2.4	3
33	Metabolomics comparison of serum and urine in dairy cattle using proton nuclear magnetic resonance spectroscopy. <i>Animal Bioscience</i> , 2021, 34, 1930-1939.	0.8	2
34	Investigation of blood biomarkers related to meat quality and quantity in Hanwoo steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1923-1929.	2.4	2
35	Breed and Season-Specific Methane Conversion Factors Influence Methane Emission Factor for Enteric Methane of Dairy Steers. <i>Sustainability</i> , 2022, 14, 7030.	1.6	2
36	A Study on Changes in Feed Digestibility and Establishment of Energy Requirement for Maintenance of Growing Hanwoo Steers under Severe Heat Stress. <i>Journal of Agriculture &amp; Life Science</i> , 2016, 50, 163-172.	0.1	1

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37	Effect of sodium stearoyl-2-lactylate supplementation on lactation performance, blood-biochemical profile, and economic efficacy of mid-lactation Holstein cows. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 1458-1463.	2.4	1
38	Effects of oriental medicinal plants on the reduction of methane production mediated by microbial population. <i>Italian Journal of Animal Science</i> , 2022, 21, 522-531.	0.8	1
39	Dynamics of bacterial communities in vaginas and feces between pre and postpartum of dairy cows. <i>Korean Journal of Veterinary Research</i> , 2021, 61, e2.	0.1	0
40	Effects of Catechins and Wheat Bran on the Beef Color in the Late Fattening Period of Hanwoo Steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 832-838.	2.4	0
41	Dose-response effects of <i>Poncirus trifoliata</i> extract on <i>in vitro</i> ruminal methane production, fermentation, and microbial abundance. <i>Italian Journal of Animal Science</i> , 2022, 21, 595-604.	0.8	0
42	Metabolomic and transcriptomic study to understand changes in metabolic and immune responses in steers under heat stress. <i>Animal Nutrition</i> , 2022, , .	2.1	0