

Sang-Suk Lee

List of Publications by Year in descending order

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618
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687363

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citing authors

#	ARTICLE	IF	CITATIONS
1	Heat Stress: Effects on Rumen Microbes and Host Physiology, and Strategies to Alleviate the Negative Impacts on Lactating Dairy Cows. <i>Frontiers in Microbiology</i> , 2022, 13, 804562.	3.5	15
2	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.	1.9	0
3	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.	2.5	7
4	Breed and Season-Specific Methane Conversion Factors Influence Methane Emission Factor for Enteric Methane of Dairy Steers. <i>Sustainability</i> , 2022, 14, 7030.	3.2	2
5	Metabolomic and transcriptomic study to understand changes in metabolic and immune responses in steers under heat stress. <i>Animal Nutrition</i> , 2022, , .	5.1	0
6	Ornamental fish, <i>Cyprinus carpio</i> , fed with fishmeal replacement <i>Pterocarya tenax</i> and <i>Tenebrio molitor</i> . <i>Aquaculture Research</i> , 2021, 52, 980-990.	1.8	2
7	Exploration of metabolite profiles in the biofluids of dairy cows by proton nuclear magnetic resonance analysis. <i>PLoS ONE</i> , 2021, 16, e0246290.	2.5	13
8	In vitro assessment of probiotic potential of selected bacteria isolated from pig faeces with potential application of odour reduction. <i>International Journal of Veterinary Science and Medicine</i> , 2021, 9, 22-30.	2.2	1
9	The Effects of Total Mixed Ration Feeding with High Roughage Content on Growth Performance, Carcass Characteristics, and Meat Quality of Hanwoo Steers. <i>Food Science of Animal Resources</i> , 2021, 41, 45-58.	4.1	5
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.	2.8	12
11	Metabolomics comparison of rumen fluid and milk in dairy cattle using proton nuclear magnetic resonance spectroscopy. <i>Animal Bioscience</i> , 2021, 34, 213-222.	2.0	11
12	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.	2.3	33
13	Holstein and Jersey Steers Differ in Rumen Microbiota and Enteric Methane Emissions Even Fed the Same Total Mixed Ration. <i>Frontiers in Microbiology</i> , 2021, 12, 601061.	3.5	18
14	Effects of using different roughages in the total mixed ration inoculated with or without coculture of <i>Lactobacillus acidophilus</i> and <i>Bacillus subtilis</i> on <i>in vitro</i> rumen fermentation and microbial population. <i>Animal Bioscience</i> , 2021, 34, 642-651.	2.0	7
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.	2.3	11
16	Metabolomics comparison of serum and urine in dairy cattle using proton nuclear magnetic resonance spectroscopy. <i>Animal Bioscience</i> , 2021, 34, 1930-1939.	2.0	2
17	Dynamic changes in blood immune cell composition and function in Holstein and Jersey steers in response to heat stress. <i>Cell Stress and Chaperones</i> , 2021, 26, 705-720.	2.9	12
18	Study on feed mix program using Excel solver modul (Add-in) and growth modelling system of laying hens. <i>Chuksan-gisul-gwa Saneop</i> , 2021, 8, 35-51.	0.2	0

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19	Enhanced Ruminant Fermentation Parameters and Altered Rumen Bacterial Community Composition by Formulated Rumen Buffer Agents Fed to Dairy Cows with a High-Concentrate Diet. <i>Agriculture (Switzerland)</i> , 2021, 11, 554.	3.1	8
20	Kimchi cabbage (<i>Brassica rapa</i> L.) by-products treated with calcium oxide and alkaline hydrogen peroxide as feed ingredient for Holstein steers. <i>Journal of Animal Science and Technology</i> , 2021, 63, 841-853.	2.5	2
21	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.	2.3	5
22	Characterization of <i>Trueperella pyogenes</i> isolated from caseous lymphadenitis lesions in Korean native goats. <i>Korean Journal of Veterinary Service</i> , 2021, 44, 321-326.	0.3	0
23	A clinical case of bovine anemia due to <i>Theileria orientalis</i> group in a non-grazed dairy cow in the upper part of South Korea. <i>Korean Journal of Veterinary Research</i> , 2021, 61, e33.	0.3	2
24	Effects of seaweed extracts on in vitro rumen fermentation characteristics, methane production, and microbial abundance. <i>Scientific Reports</i> , 2021, 11, 24092.	3.3	21
25	Metabolomic analysis of organic acids, amino acids, and fatty acids in plasma of Hanwoo beef on a high-protein diet. <i>Metabolomics</i> , 2020, 16, 114.	3.0	4
26	Genotypic and Phenotypic Characterization of <i>Treponema phagedenis</i> from Bovine Digital Dermatitis. <i>Microorganisms</i> , 2020, 8, 1520.	3.6	5
27	<i>Treponema</i> spp., the dominant pathogen in the lesion of bovine digital dermatitis and its characterization in dairy cattle. <i>Veterinary Microbiology</i> , 2020, 245, 108696.	1.9	15
28	Reductive acetogens isolated from ruminants and their effect on in vitro methane mitigation and milk performance in Holstein cows. <i>Journal of Animal Science and Technology</i> , 2020, 62, 1-13.	2.5	19
29	Growth performance and blood profiles of Hanwoo steers at fattening stage fed Korean rice wine residue. <i>Journal of Animal Science and Technology</i> , 2020, 62, 812-823.	2.5	6
30	High quality genome sequence of <i>Treponema phagedenis</i> KS1 isolated from bovine digital dermatitis. <i>Journal of Animal Science and Technology</i> , 2020, 62, 948-951.	2.5	3
31	Reduction of slaughter age of Hanwoo steers by early genotyping based on meat yield index. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 770-777.	2.4	2
32	Effect of β -aminobutyric acid producing bacteria on in vitro rumen fermentation, growth performance, and meat quality of Hanwoo steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 1087-1095.	2.4	1
33	Rumen fermentation and microbial community composition influenced by live <i>Enterococcus faecium</i> supplementation. <i>AMB Express</i> , 2019, 9, 123.	3.0	26
34	Advanced estimation and mitigation strategies: a cumulative approach to enteric methane abatement from ruminants. <i>Journal of Animal Science and Technology</i> , 2019, 61, 122-137.	2.5	34
35	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
36	Effect of different concentrate diet levels on rumen fluid inoculum used for determination of in vitro rumen fermentation, methane concentration, and methanogen abundance and diversity. <i>Italian Journal of Animal Science</i> , 2018, 17, 359-367.	1.9	13

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37	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.	1.4	9
38	Effects of reductive acetogenic bacteria and lauric acid on <i>in vivo</i> ruminal fermentation, microbial populations, and methane mitigation in Hanwoo steers in South Korea. <i>Journal of Animal Science</i> , 2018, 96, 4360-4367.	0.5	6
39	Effects of <i>Rubus coreanus</i> byproducts on intestinal microbiota and the immune modulation. <i>Asian-Australasian Journal of Animal Sciences</i> , 2018, 31, 429-438.	2.4	9
40	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
41	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
42	Use of Lysozyme as a Feed Additive on <i>In vitro</i> Rumen Fermentation and Methane Emission. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 1601-1607.	2.4	12
43	Rumen fermentation and performance of Hanwoo steers fed total mixed ration with Korean rice wine residue. <i>Journal of Animal Science and Technology</i> , 2016, 58, 4.	2.5	11
44	Fumarate Reductase-Producing Enterococci Reduce Methane Production in Rumen Fermentation <i>In Vitro</i> . <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 558-566.	2.1	21
45	Characteristics of Wet and Dried Distillers Grains on <i>In vitro</i> Ruminal Fermentation and Effects of Dietary Wet Distillers Grains on Performance of Hanwoo Steers. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 632-638.	2.4	8
46	Effect of fumarate reducing bacteria on <i>in vitro</i> rumen fermentation, methane mitigation and microbial diversity. <i>Journal of Microbiology</i> , 2014, 52, 120-128.	2.8	28
47	Effect of γ -Aminobutyric Acid (GABA) Producing Bacteria on <i>In vitro</i> Rumen Fermentation, Biogenic Amine Production and Anti-oxidation Using Corn Meal as Substrate. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 804-811.	2.4	6
48	Effects of Mustard Seeds and Powder on <i>In vitro</i> Ruminal Fermentation Characteristics and Methane Production. <i>Journal of Animal Science and Technology</i> , 2013, 55, 25-32.	2.5	4
49	<i>In vitro</i> Evaluation of Different Feeds for Their Potential to Generate Methane and Change Methanogen Diversity. <i>Asian-Australasian Journal of Animal Sciences</i> , 2013, 26, 1698-1707.	2.4	15
50	Comparative Survey of Rumen Microbial Communities and Metabolites across One Caprine and Three Bovine Groups, Using Bar-Coded Pyrosequencing and ^1H Nuclear Magnetic Resonance Spectroscopy. <i>Applied and Environmental Microbiology</i> , 2012, 78, 5983-5993.	3.1	120
51	Characterization, metabolites and gas formation of fumarate reducing bacteria isolated from Korean native goat (<i>Capra hircus coreanae</i>). <i>Journal of Microbiology</i> , 2012, 50, 925-931.	2.8	14
52	Effects of Halogenated Compounds on <i>in vitro</i> Fermentation Characteristics in the Rumen and Methane Emissions. <i>Journal of Life Science</i> , 2012, 22, 1187-1193.	0.2	6
53	Hemato-biochemical and Cortisol Profile of Holstein Growing-calves Supplemented with Vitamin C during Summer Season. <i>Asian-Australasian Journal of Animal Sciences</i> , 2012, 25, 361-368.	2.4	15