Aser Garcia-Rodriguez

List of Publications by Year
in descending order

41 papers	613 citations	623188 14 h-index	642321 23 g-index
43 all docs	43 docs citations	43 times ranked	619 citing authors

#	Article	IF	Citations
1	Fungal and ciliate protozoa are the main rumen microbes associated with methane emissions in dairy cattle. GigaScience, 2022, 11, .	3.3	12
2	Integrating heterogeneous across-country data for proxy-based random forest prediction of enteric methane in dairy cattle. Journal of Dairy Science, 2022, 105, 5124-5140.	1.4	5
3	Pre-Partum Supplementation with Polyunsaturated Fatty Acids on Colostrum Characteristics and Lamb Immunity and Behavior after a Mild Post-Weaning Aversive Handling Period. Animals, 2022, 12, 1780.	1.0	3
4	Rumen eukaryotes are the main phenotypic risk factors for larger methane emissions in dairy cattle.. Livestock Science, 2022, 263, 105023.	0.6	5
5	Spent coffee ground as second-generation feedstuff for dairy cattle. Biomass Conversion and Biorefinery, 2021, 11, 589-599.	2.9	16
6	Solid State Fermentation as a Tool to Stabilize and Improve Nutritive Value of Fruit and Vegetable Discards: Effect on Nutritional Composition, In Vitro Ruminal Fermentation and Organic Matter Digestibility. Animals, 2021, 11, 1653.	1.0	6
7	A dimensional reduction approach to modulate the core ruminal microbiome associated with methane emissions via selective breeding. Journal of Dairy Science, 2021, 104, 8135-8151.	1.4	10
8	Evaluating the Inclusion of Cold-Pressed Rapeseed Cake in the Concentrate for Dairy Cows upon Ruminal Biohydrogenation Process, Ruminal Microbial Community and Milk Production and Acceptability. Animals, 2021, 11, 2553.	1.0	4
9	Holobiont effect accounts for more methane emission variance than the additive and microbiome effects on dairy cattle. Livestock Science, 2021, 250, 104538.	0.6	13
10	Assessing the potential use of a feed additive based on biochar on broilers feeding upon productive performance, pH of digestive organs, cecum fermentation and bacterial community. Animal Feed Science and Technology, 2021, 279, 115039.	1.1	14
11	Characterisation of the rumen resistome in Spanish dairy cattle. Animal Microbiome, 2021, 3, 63.	1.5	8
12	Structural equation models to disentangle the biological relationship between microbiota and complex traits: Methane production in dairy cattle as a case of study. Journal of Animal Breeding and Genetics, 2020, 137, 36-48.	0.8	30
13	Apparent nutrient digestibility, nitrogen metabolism and microbial protein synthesis in sheep supplemented with different vegetable fats. Animal Production Science, 2020, 60, 790.	0.6	1
14	Spent Coffee Grounds Alter Bacterial Communities in Latxa Dairy Ewes. Microorganisms, 2020, 8, 1961.	1.6	6
15	Mitigation of greenhouse gases in dairy cattle via genetic selection: 1. Genetic parameters of direct methane using noninvasive methods and proxies of methane. Journal of Dairy Science, 2020, 103, 7199-7209.	1.4	35
16	valorisation of spent coffee grounds as functional feed ingredient improves productive performance of Latxa dairy ewes. Animal Feed Science and Technology, 2020, 264, 114461.	1.1	14
17	The effects of rapeseed cake intake during the finishing period on the fatty-acid composition of the longissimus muscle of Limousin steers and changes in meat colour and lipid oxidation during storage. Animal Production Science, 2020, 60, 1103.	0.6	3
18	Use of Cold-Pressed Sunflower Cake in the Concentrate as a Low-Input Local Strategy to Modify the Milk Fatty Acid Profile of Dairy Cows. Animals, 2019, 9, 803.	1.0	6

#	Article	IF	Citations
19	Comparison Between Non-Invasive Methane Measurement Techniques in Cattle. Animals, 2019, 9, 563.	1.0	21
20	Effect of Feeding Cold-Pressed Sunflower Cake on Ruminal Fermentation, Lipid Metabolism and Bacterial Community in Dairy Cows. Animals, 2019, 9, 755.	1.0	15
21	Effects of feeding UFA-rich cold-pressed oilseed cakes and sainfoin on dairy ewesâ€™ milk fatty acid profile and curd sensory properties. Small Ruminant Research, 2019, 175, 96-103.	0.6	10
22	Microbial and Functional Profile of the Ceca from Laying Hens Affected by Feeding Prebiotics, Probiotics, and Synbiotics. Microorganisms, 2019, 7, 123.	1.6	22
23	Short communication: Signs of host genetic regulation in the microbiome composition in 2 dairy breeds: Holstein and Brown Swiss. Journal of Dairy Science, 2018, 101, 2285-2292.	1.4	36
24	Effect of replacing palm fat with high-linoleic cold-pressed rapeseed or sunflower cakes on fatty acid biohydrogenation in an artificial rumen (Rusitec). Animal Production Science, 2018, 58, 499.	0.6	6
25	Feeding broilers with dry whey powder and whey protein concentrate affected productive performance, ileal digestibility of nutrients and cecal microbiota community. Animal, 2018, 12, 692-700.	1.3	21
26	Comparison of Mothur and QIIME for the Analysis of Rumen Microbiota Composition Based on 16S rRNA Amplicon Sequences. Frontiers in Microbiology, 2018, 9, 3010.	1.5	67
27	Effects of dry whey powder alone or combined with calcium butyrate on productive performance, duodenal morphometry, nutrient digestibility, and ceca bacteria counts of broiler chickens. Livestock Science, 2017, 206, 65-70.	0.6	5
28	Changes in broiler performance, duodenal histomorphometry, and caeca microbiota composition in response to wheat-barley based diets supplemented with non-antibiotic additives. Animal Feed Science and Technology, 2017, 234, 1-9.	1.1	4
29	Productive performance and cecal microbial counts of floor housed laying hens supplemented with dry whey powder alone or combined with Pediococcus acidilactici in the late phase of production. Livestock Science, 2017, 195, 9-12.	0.6	14
30	Short communication: Production performance and plasma metabolites of dairy ewes in early lactation as affected by chitosan. Spanish Journal of Agricultural Research, 2015, 13, e06SC04.	0.3	4
31	Effects of crude protein level in the concentrate and time allotment on pasture on milk yield, urinary nitrogen, and purine derivative excretion in lactating Latxa ewes. Animal Production Science, 2015, 55, 1025.	0.6	0
32	Rapeseed and sunflower oilcake as supplements for dairy sheep: animal performance and milk fatty acid concentrations. Journal of Dairy Research, 2014, 81, 410-416.	0.7	16
33	Effect of type and inclusion level of cold-pressed oilseed cakes on in vitro rumen fermentation. Animal Production Science, 2014, 54, 1709.	0.6	8
34	Effect of concentrate quantity and administration pattern on milk parameters and grazing time in a rationed dairy sheep grazing system. , 2012, , 135-138.		0
35	Relation between the distribution of time spent on pasture and protein content of the concentrate on milk yield and grazing behaviour. , 2012, , 139-142.		0
36	Use of chitosans to modulate ruminal fermentation of a 50:50 forage-to-concentrate diet in sheep1. Journal of Animal Science, 2010, 88, 749-755.	0.2	59

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37	Ruminal biohydrogenation of unsaturated fatty acids in vitro as affected by chitosan. Animal Feed Science and Technology, 2010, 159, 35-40.	1.1	15
38	Effect of chitosans on in vitro rumen digestion and fermentation of maize silage. Animal Feed Science and Technology, 2009, 148, 276-287.	1.1	24
39	Doseâ€“response effects of chitosans on in vitro rumen digestion and fermentation of mixtures differing in forage-to-concentrate ratios. Animal Feed Science and Technology, 2009, 151, 215-227.	1.1	32
40	Effect of chitosan on mixed ruminal microorganism fermentation using the rumen simulation technique (Rusitec). Animal Feed Science and Technology, 2009, 152, 92-102.	1.1	25
41	A gas production technique as a tool to predict organic matter digestibility of grass and maize silage. Animal Feed Science and Technology, 2005, 123-124, 267-276.	1.1	16