Javier Martin-Tereso

List of Publications by Year
in descending order

45 papers	673 citations	686830 13 h-index	610482 24 g-index
45 all docs	45 docs citations	45 times ranked	615 citing authors

#	Article	IF	Citations
1	Mineral and glycerol concentrations in drinking water on body weight loss and acidâ€base balance in feedâ€deprived Holstein bulls. Journal of Animal Physiology and Animal Nutrition, 2023, 107, 77-88.	1.0	4
2	Tolerance and safety evaluation of L-glutamic acid, N,N-diacetic acid as a feed additive in broiler diets. Poultry Science, 2022, 101, 101623.	1.5	2
3	Blood calcium dynamics in cows receiving an aqueous calcium suspension for voluntary consumption or a calcium bolus following parturition. Journal of Dairy Research, 2022, 89, 29-36.	0.7	1
4	Effects of energy source in milk replacer on glucose metabolism of neonatal dairy calves. Journal of Dairy Science, 2021, 104, 5009-5020.	1.4	11
5	Effect of partial exchange of lactose with fat in milk replacer on ad libitum feed intake and performance in dairy calves. Journal of Dairy Science, 2021, 104, 5432-5444.	1.4	15
6	Effects of supplemental calcium gluconate embedded in a hydrogenated fat matrix on lactation, digestive, and metabolic variables in dairy cattle. Journal of Dairy Science, 2021, 104, 7845-7855.	1.4	8
7	Preweaning nutrient supply alters serum metabolomics profiles related to protein and energy metabolism and hepatic function in Holstein heifer calves. Journal of Dairy Science, 2021, 104, 7711-7724.	1.4	10
8	Effect of a calcium-energy supplement drink at calving on lactation performance: Milk yield and composition, odds to reach a next lactation, and calving interval. Journal of Dairy Science, 2021, 104, 9703-9714.	1.4	3
9	Dietary protein oscillation: Effects on feed intake, lactation performance, and milk nitrogen efficiency in lactating dairy cows. Journal of Dairy Science, 2021, 104, 10714-10726.	1.4	5
10	Intestinal adaptations to energy source of milk replacer in neonatal dairy calves. Journal of Dairy Science, 2021, 104, 12079-12093.	1.4	12
11	Postâ€ruminal nonâ€protein nitrogen supplementation as a strategy to improve fibre digestion and N efficiency in the ruminant. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 64-75.	1.0	8
12	Tonicity of oral rehydration solutions affects water, mineral and acidâ€“base balance in calves with naturally occurring diarrhoea. Journal of Animal Physiology and Animal Nutrition, 2020, 104, 1655-1670.	1.0	11
13	Efficacy of l-glutamic acid, N,N-diacetic acid to improve the dietary trace mineral bioavailability in broilers. Journal of Animal Science, 2020, 98, .	0.2	5
14	Effects of exchanging lactose for fat in milk replacer on ad libitum feed intake and growth performance in dairy calves. Journal of Dairy Science, 2020, 103, 4275-4287.	1.4	17
15	Urea supplementation in rumen and post-rumen for cattle fed a low-quality tropical forage. British Journal of Nutrition, 2020, 124, 1166-1178.	1.2	11
16	Supplementation of lamb diets with vitamin E and rosemary extracts on meat quality parameters. Journal of the Science of Food and Agriculture, 2020, 100, 2922-2931.	1.7	10
17	Short communication: Hypernatremia in diarrheic calves associated with oral electrolyte administration in water and milk replacer in absence of access to water. Journal of Dairy Science, 2020, 103, 5495-5500.	1.4	8
18	Determining the nutritional boundaries for replacing lactose with glucose in milk replacers for calves fed twice daily. Journal of Dairy Science, 2020, 103, 7018-7027.	1.4	11

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19	Total-tract digestibility and milk productivity of dairy cows as affected by trace mineral sources. Journal of Dairy Science, 2020, 103, 9081-9089.	1.4	12
20	Intravenous calcium infusion in a calving protocol disrupts calcium homeostasis compared with an oral calcium supplement. Journal of Dairy Science, 2019, 102, 6056-6064.	1.4	18
21	Effect of energy source in calf milk replacer on performance, digestibility, and gut permeability in rearing calves. Journal of Dairy Science, 2019, 102, 3994-4001.	1.4	39
22	Dietary supplementation of 11 different plant extracts on the antioxidant capacity of blood and selected tissues in lightweight lambs. Journal of the Science of Food and Agriculture, 2019, 99, 4296-4303.	1.7	9
23	80 Effects of macronutrient composition of milk replacer on body composition and intestinal development in neonatal dairy calves. Journal of Animal Science, 2019, 97, 70-71.	0.2	0
24	Effect of replacing lactose with fat in milk replacer on abomasal emptying and glucoseâ€“insulin kinetics in male dairy calves. Applied Animal Science, 2019, 35, 586-595.	0.4	6
25	Preweaning nutrient supply alters mammary gland transcriptome expression relating to morphology, lipid accumulation, DNA synthesis, and RNA expression in Holstein heifer calves. Journal of Dairy Science, 2019, 102, 2618-2630.	1.4	10
26	Hypertonic milk replacers increase gastrointestinal permeability in healthy dairy calves. Journal of Dairy Science, 2019, 102, 1237-1246.	1.4	32
27	Dietary vitamin E dosage and source affects meat quality parameters in light weight lambs. Journal of the Science of Food and Agriculture, 2018, 98, 1606-1614.	1.7	10
28	Effects of fat inclusion in starter feeds for dairy calves by mixing increasing levels of a high-fat extruded pellet with a conventional highly fermentable pellet. Journal of Dairy Science, 2018, 101, 10962-10972.	1.4	15
29	Nutrient supply alters transcriptome regulation in adipose tissue of pre-weaning Holstein calves. PLoS ONE, 2018, 13, e0201929.	1.1	9
30	Effect of different levels of rapidly degradable carbohydrates calculated by a simple rumen model on performance of lactating dairy cows. Journal of Dairy Science, 2017, 100, 5422-5433.	1.4	6
31	Pre-calving feeding of rumen-protected rice bran to multiparous dairy cows improves recovery of calcaemia after calving. Journal of Dairy Research, 2016, 83, 281-288.	0.7	3
32	Effect of plane of milk replacer intake and age on glucose and insulin kinetics and abomasal emptying in female Holstein Friesian dairy calves fed twice daily. Journal of Dairy Science, 2016, 99, 8007-8017.	1.4	44
33	Delayed weaning of Holstein bull calves fed an elevated plane of nutrition impacts feed intake, growth and potential markers of gastrointestinal development. Animal Feed Science and Technology, 2015, 209, 268-273.	1.1	32
34	Peripartal calcium homoeostasis of multiparous dairy cows fed rumenâ€protected rice bran or a lowered dietary cation/anion balance diet before calving. Journal of Animal Physiology and Animal Nutrition, 2014, 98, 775-784.	1.0	6
35	Calcium and Magnesium Physiology and Nutrition in Relation to the Prevention of Milk Fever and Tetany (Dietary Management of Macrominerals in Preventing Disease). Veterinary Clinics of North America - Food Animal Practice, 2014, 30, 643-670.	0.5	54
36	Meal pattern analysis for effects of compound feed formulation in mid to late lactating dairy cows fed hay and compound feed both ad libitum. Animal Production Science, 2014, 54, 1752.	0.6	1

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37	Effect of compound feed pelleting and die diameter on rumen fermentation in beef cattle fed high concentrate diets. Animal Feed Science and Technology, 2013, 180, 34-43.	1.1	24
38	Effect of feeding rumen-protected rice bran on mineral status of non-lactating dairy heifers. Journal of Animal Physiology and Animal Nutrition, 2011, 95, 73-80.	1.0	1
39	Effect of feeding rumen protected rice bran on calcium homeostasis of non-lactating multiparous cows. Journal of Animal Physiology and Animal Nutrition, 2011, 95, 236-244.	1.0	5
40	A novel model to explain dietary factors affecting hypocalcaemia in dairy cattle. Nutrition Research Reviews, 2011, 24, 228-243.	2.1	27
41	Urinary calcium excretion in non-lactating dairy cows in relation to intake of fat-coated rice bran. Journal of Animal Physiology and Animal Nutrition, 2010, 94, 129-136.	1.0	8
42	In situ ruminal degradation of phytic acid in formaldehyde-treated rice bran. Animal Feed Science and Technology, 2009, 152, 286-297.	1.1	12
43	In vitro evaluation of effects of ten essential oils at three doses on ruminal fermentation of high concentrate feedlot-type diets. Animal Feed Science and Technology, 2008, 145, 259-270.	1.1	70
44	Effect of Lactation Stage on the Odd- and Branched-Chain Milk Fatty Acids of Dairy Cattle Under Grazing and Indoor Conditions. Journal of Dairy Science, 2008, 91, 2662-2677.	1.4	67
45	Dietary l-glutamic acid N,N-diacetic acid improves short-term maintenance of zinc homoeostasis in a model of subclinical zinc deficiency in weaned piglets. British Journal of Nutrition, 0, , 1-10.	1.2	1