

# Javier Martin-Tereso

## List of Publications by Year in descending order

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Version: 2024-02-01

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	In vitro evaluation of effects of ten essential oils at three doses on ruminal fermentation of high concentrate feedlot-type diets. <i>Animal Feed Science and Technology</i> , 2008, 145, 259-270.	1.1	70
2	Effect of Lactation Stage on the Odd- and Branched-Chain Milk Fatty Acids of Dairy Cattle Under Grazing and Indoor Conditions. <i>Journal of Dairy Science</i> , 2008, 91, 2662-2677.	1.4	67
3	Calcium and Magnesium Physiology and Nutrition in Relation to the Prevention of Milk Fever and Tetany (Dietary Management of Macrominerals in Preventing Disease). <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2014, 30, 643-670.	0.5	54
4	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. <i>Journal of Dairy Science</i> , 2016, 99, 8007-8017.	1.4	44
5	Effect of energy source in calf milk replacer on performance, digestibility, and gut permeability in rearing calves. <i>Journal of Dairy Science</i> , 2019, 102, 3994-4001.	1.4	39
6	Delayed weaning of Holstein bull calves fed an elevated plane of nutrition impacts feed intake, growth and potential markers of gastrointestinal development. <i>Animal Feed Science and Technology</i> , 2015, 209, 268-273.	1.1	32
7	Hypertonic milk replacers increase gastrointestinal permeability in healthy dairy calves. <i>Journal of Dairy Science</i> , 2019, 102, 1237-1246.	1.4	32
8	A novel model to explain dietary factors affecting hypocalcaemia in dairy cattle. <i>Nutrition Research Reviews</i> , 2011, 24, 228-243.	2.1	27
9	Effect of compound feed pelleting and die diameter on rumen fermentation in beef cattle fed high concentrate diets. <i>Animal Feed Science and Technology</i> , 2013, 180, 34-43.	1.1	24
10	Intravenous calcium infusion in a calving protocol disrupts calcium homeostasis compared with an oral calcium supplement. <i>Journal of Dairy Science</i> , 2019, 102, 6056-6064.	1.4	18
11	Effects of exchanging lactose for fat in milk replacer on ad libitum feed intake and growth performance in dairy calves. <i>Journal of Dairy Science</i> , 2020, 103, 4275-4287.	1.4	17
12	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. <i>Journal of Dairy Science</i> , 2018, 101, 10962-10972.	1.4	15
13	Effect of partial exchange of lactose with fat in milk replacer on ad libitum feed intake and performance in dairy calves. <i>Journal of Dairy Science</i> , 2021, 104, 5432-5444.	1.4	15
14	In situ ruminal degradation of phytic acid in formaldehyde-treated rice bran. <i>Animal Feed Science and Technology</i> , 2009, 152, 286-297.	1.1	12
15	Total-tract digestibility and milk productivity of dairy cows as affected by trace mineral sources. <i>Journal of Dairy Science</i> , 2020, 103, 9081-9089.	1.4	12
16	Intestinal adaptations to energy source of milk replacer in neonatal dairy calves. <i>Journal of Dairy Science</i> , 2021, 104, 12079-12093.	1.4	12
17	Tonicity of oral rehydration solutions affects water, mineral and acid-base balance in calves with naturally occurring diarrhoea. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 1655-1670.	1.0	11
18	Urea supplementation in rumen and post-rumen for cattle fed a low-quality tropical forage. <i>British Journal of Nutrition</i> , 2020, 124, 1166-1178.	1.2	11

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19	Effects of energy source in milk replacer on glucose metabolism of neonatal dairy calves. <i>Journal of Dairy Science</i> , 2021, 104, 5009-5020.	1.4	11
20	Determining the nutritional boundaries for replacing lactose with glucose in milk replacers for calves fed twice daily. <i>Journal of Dairy Science</i> , 2020, 103, 7018-7027.	1.4	11
21	Dietary vitamin E dosage and source affects meat quality parameters in light weight lambs. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1606-1614.	1.7	10
22	Prewaning nutrient supply alters mammary gland transcriptome expression relating to morphology, lipid accumulation, DNA synthesis, and RNA expression in Holstein heifer calves. <i>Journal of Dairy Science</i> , 2019, 102, 2618-2630.	1.4	10
23	Supplementation of lamb diets with vitamin E and rosemary extracts on meat quality parameters. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 2922-2931.	1.7	10
24	Prewaning nutrient supply alters serum metabolomics profiles related to protein and energy metabolism and hepatic function in Holstein heifer calves. <i>Journal of Dairy Science</i> , 2021, 104, 7711-7724.	1.4	10
25	Nutrient supply alters transcriptome regulation in adipose tissue of pre-weaning Holstein calves. <i>PLoS ONE</i> , 2018, 13, e0201929.	1.1	9
26	Dietary supplementation of 11 different plant extracts on the antioxidant capacity of blood and selected tissues in lightweight lambs. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4296-4303.	1.7	9
27	Urinary calcium excretion in non-lactating dairy cows in relation to intake of fat-coated rice bran. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 129-136.	1.0	8
28	Post-ruminal non-protein nitrogen supplementation as a strategy to improve fibre digestion and N efficiency in the ruminant. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2020, 104, 64-75.	1.0	8
29	Effects of supplemental calcium gluconate embedded in a hydrogenated fat matrix on lactation, digestive, and metabolic variables in dairy cattle. <i>Journal of Dairy Science</i> , 2021, 104, 7845-7855.	1.4	8
30	Short communication: Hypernatremia in diarrheic calves associated with oral electrolyte administration in water and milk replacer in absence of access to water. <i>Journal of Dairy Science</i> , 2020, 103, 5495-5500.	1.4	8
31	Peripartal calcium homeostasis of multiparous dairy cows fed rumen-protected rice bran or a lowered dietary cation/anion balance diet before calving. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 775-784.	1.0	6
32	Effect of different levels of rapidly degradable carbohydrates calculated by a simple rumen model on performance of lactating dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 5422-5433.	1.4	6
33	Effect of replacing lactose with fat in milk replacer on abomasal emptying and glucose-insulin kinetics in male dairy calves. <i>Applied Animal Science</i> , 2019, 35, 586-595.	0.4	6
34	Effect of feeding rumen protected rice bran on calcium homeostasis of non-lactating multiparous cows. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011, 95, 236-244.	1.0	5
35	Efficacy of l-glutamic acid, N,N-diacetic acid to improve the dietary trace mineral bioavailability in broilers. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	5
36	Dietary protein oscillation: Effects on feed intake, lactation performance, and milk nitrogen efficiency in lactating dairy cows. <i>Journal of Dairy Science</i> , 2021, 104, 10714-10726.	1.4	5

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37	Mineral and glycerol concentrations in drinking water on body weight loss and acid-base balance in feed-deprived Holstein bulls. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2023, 107, 77-88.	1.0	4
38	Pre-calving feeding of rumen-protected rice bran to multiparous dairy cows improves recovery of calcaemia after calving. <i>Journal of Dairy Research</i> , 2016, 83, 281-288.	0.7	3
39	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. <i>Journal of Dairy Science</i> , 2021, 104, 9703-9714.	1.4	3
40	Tolerance and safety evaluation of L-glutamic acid, N,N-diacetic acid as a feed additive in broiler diets. <i>Poultry Science</i> , 2022, 101, 101623.	1.5	2
41	Effect of feeding rumen-protected rice bran on mineral status of non-lactating dairy heifers. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011, 95, 73-80.	1.0	1
42	Meal pattern analysis for effects of compound feed formulation in mid to late lactating dairy cows fed hay and compound feed both ad libitum. <i>Animal Production Science</i> , 2014, 54, 1752.	0.6	1
43	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. <i>British Journal of Nutrition</i> , 0, , 1-10.	1.2	1
44	Blood calcium dynamics in cows receiving an aqueous calcium suspension for voluntary consumption or a calcium bolus following parturition. <i>Journal of Dairy Research</i> , 2022, 89, 29-36.	0.7	1
45	80 Effects of macronutrient composition of milk replacer on body composition and intestinal development in neonatal dairy calves. <i>Journal of Animal Science</i> , 2019, 97, 70-71.	0.2	0