

Nicolas DiLorenzo

List of Publications by Year in descending order

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Version: 2024-02-01

92
papers

786
citations

706676

14
h-index

721071

23
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92
all docs

92
docs citations

92
times ranked

732
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of polyclonal antibody preparations from avian origin on nutrient digestibility and performance of backgrounding beef cattle. <i>Translational Animal Science</i> , 2022, 6, txac016.	0.4	2
2	Intake, ruminal fermentation parameters, and apparent total-tract digestibility by beef steers consuming Pensacola bahiagrass hay treated with calcium oxide. <i>Journal of Animal Science</i> , 2022, 100, .	0.2	2
3	Grazing management effects on cover crop responses and cotton lint yield. <i>Crop Science</i> , 2022, 62, 2523-2536.	0.8	4
4	Feeding Strategies to Mitigate Enteric Methane Emission from Ruminants in Grassland Systems. <i>Animals</i> , 2022, 12, 1132.	1.0	12
5	Polyclonal antibody preparations from avian origin as a feed additive to beef cattle: ruminal fermentation during the step-up transition diets. <i>Translational Animal Science</i> , 2022, 6, .	0.4	2
6	Effect of rumen-protected methionine supplementation to beef cows during the periconception period on performance of cows, calves, and subsequent offspring. <i>Animal</i> , 2021, 15, 100055.	1.3	16
7	Effects of administering exogenous bovine somatotropin to beef heifers during the first trimester on conceptus development as well as steroid- and eicosanoid-metabolizing enzymes. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
8	Litter mass, deposition rate, and decomposition in nitrogen-fertilized or grass-legume grazing systems. <i>Crop Science</i> , 2021, 61, 2176-2189.	0.8	10
9	Effects of providing artificial shade to pregnant grazing beef heifers on vaginal temperature, growth, activity, and behavior. <i>Translational Animal Science</i> , 2021, 5, txab053.	0.4	4
10	Effects of nutrient restriction on the metabolic profile of <i>Bos indicus</i> -influenced and <i>B. taurus</i> suckled beef cows. <i>Animal</i> , 2021, 15, 100166.	1.3	5
11	Nutritive Value, In Vitro Fermentation, and Methane Production of Cactus Cladodes, Sugarcane Bagasse, and Urea. <i>Animals</i> , 2021, 11, 1266.	1.0	6
12	Effects of bismuth subsalicylate and calcium-ammonium nitrate on ruminal in vitro fermentation of bahiagrass hay with supplemental molasses. <i>Animal</i> , 2021, 15, 100195.	1.3	4
13	A regional interdisciplinary partnership focusing on the development of a carinata-centered bioeconomy. <i>GCB Bioenergy</i> , 2021, 13, 1018-1029.	2.5	25
14	Water footprint, herbage, and livestock responses for nitrogen-fertilized grass and grass-legume grazing systems. <i>Crop Science</i> , 2021, 61, 3844-3858.	0.8	12
15	Nutrient excretion from cattle grazing nitrogen-fertilized grass or grass-legume pastures. <i>Agronomy Journal</i> , 2021, 113, 3110-3123.	0.9	11
16	A meta-analytical evaluation of the effects of high-salt water intake on beef cattle. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	5
17	Methane emissions and $\delta^{13}\text{C}$ composition from beef steers consuming increasing proportions of sericea lespedeza hay on bermudagrass hay diets. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	6
18	Puberty attainment and reproductive performance of yearling <i>Bos indicus</i> -influenced heifers after two sequential treatments with progesterone. <i>Animal Reproduction Science</i> , 2021, 231, 106803.	0.5	4

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19	Effects of bismuth subsalicylate and encapsulated calcium-ammonium nitrate on feedlot beef cattle production. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	1
20	Performance of growing beef cattle consuming bahiagrass hay treated with calcium oxide and molasses. <i>Translational Animal Science</i> , 2021, 5, txab195.	0.4	0
21	Maternal methionine supplementation during gestation alters alternative splicing and DNA methylation in bovine skeletal muscle. <i>BMC Genomics</i> , 2021, 22, 780.	1.2	9
22	Ruminal in situ degradability of forage components and in vitro organic matter digestibility of warm-season grasses treated with calcium oxide 1. <i>Translational Animal Science</i> , 2021, 5, txab204.	0.4	4
23	Effects of Administering Exogenous Bovine Somatotropin During the First Trimester of Pregnancy Altered Uterine Hemodynamics in Suckled Beef Cows. <i>Frontiers in Animal Science</i> , 2021, 2, .	0.8	0
24	Characterization of dietary protein in <i>Brassica carinata</i> meal when used as a protein supplement for beef cattle consuming a forage-based diet. <i>Journal of Animal Science</i> , 2021, 99, .	0.2	8
25	Impacts of polyclonal antibody preparations from avian origin as a feed additive to beef cattle: Immune responses during the step-up transition diets. <i>Journal of Animal Science</i> , 2021, , .	0.2	2
26	Potential of Cull Banana Fruit at Two Maturity Stages as a Feed Supplement for Cattle: Effects on In Vitro Ruminal Fermentation, Kinetics of Gas Production and Digestibility. <i>Waste and Biomass Valorization</i> , 2020, 11, 6689-6695.	1.8	2
27	Differential network analysis of bovine muscle reveals changes in gene coexpression patterns in response to changes in maternal nutrition. <i>BMC Genomics</i> , 2020, 21, 684.	1.2	12
28	Effects of bismuth subsalicylate and encapsulated calcium-ammonium nitrate on enteric methane production, nutrient digestibility, and liver mineral concentration of beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	1
29	Effects of bismuth subsalicylate and encapsulated calcium ammonium nitrate on ruminal fermentation of beef cattle. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	7
30	Use of n-alkanes to estimate feed intake in ruminants: a meta-analysis. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	5
31	Apparent total tract digestibility, ruminal fermentation, and blood metabolites in beef steers fed green-chopped cool-season forages. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	0
32	Relationships between feed efficiency and puberty in <i>Bos taurus</i> and <i>Bos indicus</i> -influenced replacement beef heifers. <i>Journal of Animal Science</i> , 2020, 98, .	0.2	5
33	124 Polyclonal Antibody Preparations from Avian Origin Increased Fiber Digestibility of Beef Cattle Receiving a Backgrounding Diet. <i>Journal of Animal Science</i> , 2020, 98, 52-53.	0.2	1
34	Technical note: validation of a system for monitoring individual behavior in beef heifers. <i>Journal of Animal Science</i> , 2019, 97, 4732-4736.	0.2	11
35	Evaluation of <i>Brassica carinata</i> meal as a protein supplement for growing beef heifers ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 4334-4340.	0.2	22
36	A bioactive extract from <i>Olea europaea</i> protects newly weaned beef heifers against experimentally induced chronic inflammation ¹ . <i>Journal of Animal Science</i> , 2019, 97, 4349-4361.	0.2	8

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37	Evaluation of <i>Brassica carinata</i> meal on ruminant metabolism and apparent total tract digestibility of nutrients in beef steers ^{1,2} . <i>Journal of Animal Science</i> , 2019, 97, 1325-1334.	0.2	10
38	Genomic Comparison Reveals Natural Occurrence of Clinically Relevant Multidrug-Resistant Extended-Spectrum- β -Lactamase-Producing <i>Escherichia coli</i> Strains. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	29
39	Soil Organic Carbon Storage and Greenhouse Gas Emissions in a Grazed Perennial Forage "Crop Rotation System. , 2019, 2, 1-9.		3
40	High Prevalence of Cefotaxime Resistant Bacteria in Grazing Beef Cattle: A Cross Sectional Study. <i>Frontiers in Microbiology</i> , 2019, 10, 176.	1.5	30
41	Effects of rumen-protected carbohydrate supplementation on performance and blood metabolites in feedlot finishing steers during heat stress. <i>Translational Animal Science</i> , 2019, 3, 513-521.	0.4	4
42	Impact of fetal vs. maternal contributions of <i>Bos indicus</i> and <i>Bos taurus</i> genetics on embryonic and fetal development ¹ . <i>Journal of Animal Science</i> , 2019, 97, 1645-1655.	0.2	14
43	416 Polyclonal antibody preparations from avian origin increase mean ruminal pH and reduce rectal temperature of beef steers during transition from forage to high-grain diets. <i>Journal of Animal Science</i> , 2019, 97, 167-168.	0.2	1
44	Effect of inclusion rate of Fermenten on performance, carcass traits, and apparent total tract digestibility of growing Angus crossbred steers ¹ . <i>Journal of Animal Science</i> , 2019, 97, 900-908.	0.2	1
45	Prevalence and Molecular Characteristics of Extended-Spectrum and AmpC β -Lactamase Producing <i>Escherichia coli</i> in Grazing Beef Cattle. <i>Frontiers in Microbiology</i> , 2019, 10, 3076.	1.5	7
46	Administration of recombinant bovine somatotropin prior to fixed-time artificial insemination and the effects on fertility, embryo, and fetal size in beef heifers. <i>Journal of Animal Science</i> , 2018, 96, 1894-1902.	0.2	8
47	Prostaglandin F ₂ α 7 d prior to initiation of the 7-d CO-synch + CIDR protocol failed to enhance estrus response and pregnancy rates in beef heifers. <i>Journal of Animal Science</i> , 2018, 96, 1466-1473.	0.2	3
48	PSXIV-25 Peripartum supplementation of vitamins A, D, and E increases monocyte CD14, neutrophil CD11b and lymphocyte CD62L in newborn beef calves.. <i>Journal of Animal Science</i> , 2018, 96, 364-365.	0.2	0
49	48 Effects of Cellulose residue supplementation level on performance, nutrient digestibility and carcass characteristics of lambs.. <i>Journal of Animal Science</i> , 2018, 96, 458-458.	0.2	0
50	PSII-14 Ruminal in situ degradability of warm-season forages under different incubation times with calcium oxide.. <i>Journal of Animal Science</i> , 2018, 96, 71-72.	0.2	0
51	PSVII-16 Utilization of a progesterone-based protocol prior to the breeding season failed to induce puberty in <i>Bos indicus</i> heifers.. <i>Journal of Animal Science</i> , 2018, 96, 56-56.	0.2	0
52	PSI-5 Biweekly administration of recombinant bovine somatotropin during the first trimester of pregnancy failed to alter uterine hemodynamics in suckled beef cows.. <i>Journal of Animal Science</i> , 2018, 96, 67-67.	0.2	0
53	PSII-19 Effects of supplementation with molasses and by-pass methionine or fishmeal in beef cows during early gestation, on offspring postnatal growth and nutrient digestibility.. <i>Journal of Animal Science</i> , 2018, 96, 74-74.	0.2	0
54	74 Effects of bismuth subsalicylate and encapsulated calcium-ammonium nitrate on enteric methane production and apparent total-tract nutrient digestibility of beef cattle.. <i>Journal of Animal Science</i> , 2018, 96, 398-399.	0.2	0

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55	134 Peripartum supplementation of vitamins A, D, and E improves measures of vitamins A, D and E in beef cows and their calves.. Journal of Animal Science, 2018, 96, 347-348.	0.2	0
56	PSV-5 Effects of oleanolic acid on in vitro fermentation of bahiagrass hay and a high-grain substrate.. Journal of Animal Science, 2018, 96, 50-50.	0.2	0
57	PSXIV-33 Impacts of Bos indicus vs. Bos taurus genetics and nutrient energy restriction during early gestation on offspring performance and feed efficiency.. Journal of Animal Science, 2018, 96, 365-366.	0.2	0
58	Annual and Perennial Peanut Species as Alternatives to Nitrogen Fertilizer in Bermudagrass Hay Production Systems. Agronomy Journal, 2018, 110, 2390-2399.	0.9	7
59	PSXII-11 Apparent total-tract digestibility of nutrients in beef steers consuming bahiagrass hay treated with calcium oxide.. Journal of Animal Science, 2018, 96, 427-427.	0.2	0
60	PSXVII-24 Relationships among feed efficiency, performance, and value of bulls in the Florida Bull Test.. Journal of Animal Science, 2018, 96, 200-200.	0.2	0
61	62 Characterization of the dietary protein in Brassica carinata meal when used as a supplement for beef cattle.. Journal of Animal Science, 2018, 96, 393-393.	0.2	0
62	Root–Rhizome Mass and Chemical Composition of Bahiagrass and Rhizoma Peanut Monocultures Compared with their Binary Mixtures. Crop Science, 2018, 58, 955-963.	0.8	12
63	113 Effects of Bismuth Subsalicylate and Calcium-Ammonium Nitrate on Liver Mineral Concentration and Performance of Growing Beef Heifers.. Journal of Animal Science, 2018, 96, 60-61.	0.2	0
64	84 Effects of an olive bioactive extract on lipopolysaccharide-challenged weaned heifers.. Journal of Animal Science, 2018, 96, 403-403.	0.2	0
65	Annual and Perennial Peanut Mixed with “Pensacola” Bahiagrass in North Florida. Crop Science, 2018, 58, 982-992.	0.8	14
66	Herbage Responses and Biological N 2 Fixation of Bahiagrass and Rhizoma Peanut Monocultures Compared with their Binary Mixtures. Crop Science, 2018, 58, 2149-2163.	0.8	14
67	The Florida Bull Test 2016–2017. Edis, 2018, 2018, .	0.0	0
68	466 Administration of a subcutaneous high concentrate prostaglandin F2₁ in replacement beef heifers and the effects on estrus response and pregnancy rates. Journal of Animal Science, 2017, 95, 228-229.	0.2	0
69	582 Effect of fermenten on nitrogen metabolism and ruminal fermentation profile of Angus crossbred steers. Journal of Animal Science, 2017, 95, 285-285.	0.2	0
70	572 Evaluation of Brassica carinata meal as a protein supplement for growing beef heifers. Journal of Animal Science, 2017, 95, 280-280.	0.2	1
71	539 Evaluation of Brassica carinata meal on ruminal metabolism and nutrient digestibility of beef cattle. Journal of Animal Science, 2017, 95, 264-264.	0.2	0
72	Animal Performance and Pasture Characteristics on Cool–Season Annual Grass Mixtures in North Florida. Crop Science, 2016, 56, 2841-2852.	0.8	16

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73	Effects of recombinant bovine somatotropin administration at breeding on cow, conceptus, and subsequent offspring performance of beef cattle ¹ . <i>Journal of Animal Science</i> , 2016, 94, 2128-2138.	0.2	10
74	Effects of molasses and crude glycerol combined in a liquid supplement on ruminal fermentation in beef steers consuming bermudagrass hay ² . <i>Journal of Animal Science</i> , 2016, 94, 3851-3863.	0.2	13
75	Methane emissions by beef cattle consuming hay of varying quality in the dry forest ecosystem of Costa Rica. <i>Livestock Science</i> , 2016, 193, 45-50.	0.6	12
76	Effects of chitosan on nutrient digestibility, methane emissions, and in vitro fermentation in beef cattle ^{1,2} . <i>Journal of Animal Science</i> , 2015, 93, 3539-3550.	0.2	29
77	Effects of feeding perennial peanut hay on growth, development, attainment of puberty, and fertility in beef replacement heifers. <i>The Professional Animal Scientist</i> , 2015, 31, 40-49.	0.7	4
78	Inclusion of anti-phospholipase A2 antibody to backgrounding diets on performance, feed efficiency, in vitro fermentation, and the acute-phase response of growing beef calves ¹ . <i>Journal of Animal Science</i> , 2015, 93, 414-424.	0.2	3
79	Effects of different levels of supplementation of a 50:50 mixture of molasses:crude glycerol on performance, Bermuda grass hay intake, and nutrient digestibility of beef cattle ² . <i>Journal of Animal Science</i> , 2015, 93, 2428-2438.	0.2	10
80	Association between animal age and the prevalence of Shiga toxin-producing <i>Escherichia coli</i> in a cohort of beef cattle. <i>Veterinary Microbiology</i> , 2015, 175, 325-331.	0.8	39
81	Prevalence of bovine subclinical mastitis, its etiology and diagnosis of antibiotic resistance of dairy farms in four municipalities of a tropical region of Mexico. <i>Tropical Animal Health and Production</i> , 2015, 47, 1497-1504.	0.5	21
82	Effect of urea inclusion in diets containing corn dried distillers grains on feedlot cattle performance, carcass characteristics, ruminal fermentation, total tract digestibility, and purine derivatives-to-creatinine index. <i>Journal of Animal Science</i> , 2015, 93, 357-369.	0.2	33
83	Relationships among performance, residual feed intake, and temperament assessed in growing beef heifers and subsequently as 3-year-old, lactating beef cows ¹ . <i>Journal of Animal Science</i> , 2013, 91, 2254-2263.	0.2	42
84	Effects of adding polyclonal antibody preparations on ruminal fermentation patterns and digestibility of cows fed different energy sources ¹ . <i>Journal of Animal Science</i> , 2011, 89, 3228-3235.	0.2	17
85	Effects of sulfur and monensin concentrations on in vitro dry matter disappearance, hydrogen sulfide production, and volatile fatty acid concentrations in batch culture ruminal fermentations ¹ . <i>Journal of Animal Science</i> , 2010, 88, 1503-1512.	0.2	38
86	Physiological changes in rumen fermentation during acidosis induction and its control using a multivalent polyclonal antibody preparation in heifers. <i>Journal of Animal Science</i> , 2009, 87, 1722-1730.	0.2	40
87	Effects of feeding polyclonal antibody preparations on rumen fermentation patterns, performance, and carcass characteristics of feedlot steers ² . <i>Journal of Animal Science</i> , 2008, 86, 3023-3032.	0.2	17
88	Effects of feeding polyclonal antibody preparations on rumen fermentation patterns, performance, and carcass characteristics of feedlot steers. <i>Journal of Animal Science</i> , 2008, 86, 3023-3032.	0.2	13
89	Effects of feeding polyclonal antibody preparations on ruminal bacterial populations and ruminal pH of steers fed high-grain diets. <i>Journal of Animal Science</i> , 2006, 84, 2178-2185.	0.2	40
90	Herbage accumulation and nutritive value of stockpiled limpograsses and <i>â€˜tifton 85â€™™</i> bermudagrass. <i>Crop, Forage and Turfgrass Management</i> , 0, , e20140.	0.2	1

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91	Canopy characterization and nutritive value of stockpiled "FLORALTA"™ LIMPOGRASS (HEMARTHRIA) Tj ETQq1,1,0.784314 rgBT	0.9	0
92	Triterpenes From <i>Olea europaea</i> Modulate In Vitro Ruminal Fermentation. Translational Animal Science, 0, , .	0.4	1