

Marcio de Souza Duarte

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5169895/publications.pdf>

Version: 2024-02-01

99
papers

1,472
citations

361045

20
h-index

377514

34
g-index

99
all docs

99
docs citations

99
times ranked

1657
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of vitamin A injection at birth on intramuscular fat development and meat quality in beef cattle. <i>Meat Science</i> , 2022, 184, 108676.	2.7	10
2	Can In-Line Iodine Value Predictions (NitFom™) Be Used for Early Classification of Pork Belly Firmness?. <i>Foods</i> , 2022, 11, 148.	1.9	4
3	Genome-enabled classification of stayability in Nellore cattle under a machine learning framework. <i>Livestock Science</i> , 2022, 260, 104935.	0.6	2
4	Impact of Maternal Feed Restriction at Different Stages of Gestation on the Proteomic Profile of the Newborn Skeletal Muscle. <i>Animals</i> , 2022, 12, 1011.	1.0	2
5	Effect of short-term dietary protein restriction before slaughter on meat quality and skeletal muscle metabolomic profile in culled ewes. <i>Livestock Science</i> , 2022, 261, 104956.	0.6	5
6	Effects of feeding ractopamine hydrochloride with or without supplemental betaine on live performance, carcass and meat quality traits, and gene expression of finishing pigs. <i>Meat Science</i> , 2022, 191, 108851.	2.7	4
7	Transcriptome profile in the skeletal muscle of cattle progeny as a function of maternal protein supplementation during mid-gestation. <i>Livestock Science</i> , 2022, 263, 104995.	0.6	7
8	Reference gene selection for quantitative PCR in liver, skeletal muscle, and jejunum of <i>Bos indicus</i> cattle. <i>Revista Brasileira De Zootecnia</i> , 2022, 51, .	0.3	6
9	Stayability and consecutive rebreeding ability associated to carcass and growth traits in Brazilian Nellore cattle: A Bayesian framework. <i>Livestock Science</i> , 2021, 245, 104416.	0.6	1
10	Skeletal Muscle Development in Postnatal Beef Cattle Resulting from Maternal Protein Restriction during Mid-Gestation. <i>Animals</i> , 2021, 11, 860.	1.0	22
11	The course of pregnancy changes general metabolism and affects ruminal epithelium activity pattern in Zebu beef heifers. <i>Livestock Science</i> , 2021, 248, 104496.	0.6	3
12	Proteomic Analysis of Liver from Finishing Beef Cattle Supplemented with a Rumen-Protected B-Vitamin Blend and Hydroxy Trace Minerals. <i>Animals</i> , 2021, 11, 1934.	1.0	0
13	Transcriptome changes in newborn goats' skeletal muscle as a result of maternal feed restriction at different stages of gestation. <i>Livestock Science</i> , 2021, 248, 104503.	0.6	3
14	Assessing the relationship between the rumen microbiota and feed efficiency in Nellore steers. <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 79.	2.1	37
15	Intramuscular collagen characteristics and expression of related genes in skeletal muscle of cull cows receiving a high-energy diet. <i>Meat Science</i> , 2021, 177, 108495.	2.7	12
16	Efeito dos extratos de jabuticaba e pequi na expressão gênica de enzimas antioxidantes em células musculares C2C12 de camundongos. <i>Research, Society and Development</i> , 2021, 10, e375101018864.	0.0	2
17	Dietary nucleotide supplementation as an alternative to in-feed antibiotics in weaned piglets. <i>Animal</i> , 2021, 15, 100021.	1.3	15
18	PSXIII-5 Effects of B vitamins and hydroxy trace minerals supplementation on hepatic metabolism of beef cattle at finishing phase in pasture. <i>Journal of Animal Science</i> , 2021, 99, 463-464.	0.2	0

#	ARTICLE	IF	CITATIONS
19	162 Fetal Programming and Meat Quality. <i>Journal of Animal Science</i> , 2021, 99, 87-87.	0.2	1
20	Fetal programming in ruminant animals: understanding the skeletal muscle development to improve meat quality. <i>Animal Frontiers</i> , 2021, 11, 66-73.	0.8	21
21	L-Arginine Supplementation for Nulliparous Sows during the Last Third of Gestation. <i>Animals</i> , 2021, 11, 3476.	1.0	1
22	Effect of ractopamine and conjugated linoleic acid on performance of late finishing pigs. <i>Animal</i> , 2020, 14, 277-284.	1.3	2
23	Active vitamin D3-glycoside preserves weight gain and modulates the inflammatory response in broiler chickens challenged with lipopolysaccharide. <i>Animal Feed Science and Technology</i> , 2020, 270, 114704.	1.1	2
24	Impacts of protein supplementation during late gestation of beef cows on maternal skeletal muscle and liver tissues metabolism. <i>Animal</i> , 2020, 14, 1867-1875.	1.3	14
25	Proteomic analysis reveals changes in energy metabolism of skeletal muscle in beef cattle supplemented with vitamin A. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3536-3543.	1.7	11
26	Effects of energy-protein supplementation frequency on performance of primiparous grazing beef cows during pre and postpartum. <i>Asian-Australasian Journal of Animal Sciences</i> , 2020, 33, 1430-1443.	2.4	10
27	Guanidinoacetic acid supplementation on growth performance and molecular mechanisms of lean mass gain in nursery pigs. <i>Ciencia Rural</i> , 2020, 50, .	0.3	4
28	PSVII-5 Effect of maternal feed restriction at different stages of gestation on development of gastrointestinal tract of newborn goats. <i>Journal of Animal Science</i> , 2020, 98, 164-165.	0.2	0
29	PSVII-8 miRNAs explain the variation in muscle and blood transcriptomes of beef calves born from dams with or without energy restriction during late gestation. <i>Journal of Animal Science</i> , 2020, 98, 165-165.	0.2	0
30	PSVII-9 Post transcriptional modifications may lead to changes in newborn goats' skeletal muscle proteome as a consequence of maternal feed restriction at different stages of gestation. <i>Journal of Animal Science</i> , 2020, 98, 167-168.	0.2	0
31	PSVII-2 Differentially expressed genes and their biological function in skeletal muscle of calves born from cows with or without protein supplementation during mid-gestation. <i>Journal of Animal Science</i> , 2020, 98, 165-166.	0.2	0
32	PSVII-10 Skeletal muscle transcriptome reveals gene expression differences in newborn goats' as a result of maternal feed restriction at different stages of gestation. <i>Journal of Animal Science</i> , 2020, 98, 167-167.	0.2	0
33	Dietary L-arginine supplementation increased mammary gland vascularity of lactating sows. <i>Animal</i> , 2019, 13, 790-798.	1.3	8
34	Effects of nutritional plans and genetic groups on performance, carcass and meat quality traits of finishing pigs. <i>Food Science and Technology</i> , 2019, 39, 538-545.	0.8	3
35	Differentially expressed mRNAs, proteins and miRNAs associated to energy metabolism in skeletal muscle of beef cattle identified for low and high residual feed intake. <i>BMC Genomics</i> , 2019, 20, 501.	1.2	22
36	The Bacterial and Fungal Microbiota of Nelore Steers Is Dynamic Across the Gastrointestinal Tract and Its Fecal-Associated Microbiota Is Correlated to Feed Efficiency. <i>Frontiers in Microbiology</i> , 2019, 10, 1263.	1.5	27

#	ARTICLE	IF	CITATIONS
37	Effect of maternal feed restriction in dairy goats at different stages of gestation on skeletal muscle development and energy metabolism of kids at the time of births. <i>Animal Reproduction Science</i> , 2019, 206, 46-59.	0.5	8
38	Explaining meat quality of bulls and steers by differential proteome and phosphoproteome analysis of skeletal muscle. <i>Journal of Proteomics</i> , 2019, 199, 51-66.	1.2	48
39	Genome-wide association studies pathway-based meta-analysis for residual feed intake in beef cattle. <i>Animal Genetics</i> , 2019, 50, 150-153.	0.6	30
40	Genome-wide association studies, meta-analyses and derived gene network for meat quality and carcass traits in pigs. <i>Animal Production Science</i> , 2018, 58, 1100.	0.6	12
41	Meta-analysis of genetic-parameter estimates for reproduction, growth and carcass traits in Nellore cattle by using a random-effects model. <i>Animal Production Science</i> , 2018, 58, 1575.	0.6	22
42	Foetal development of skeletal muscle in bovines as a function of maternal nutrition, foetal sex and gestational age. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2018, 102, 545-556.	1.0	17
43	Nellore bulls (<i>Bos taurus indicus</i>) with high residual feed intake have increased the expression of genes involved in oxidative phosphorylation in rumen epithelium. <i>Animal Feed Science and Technology</i> , 2018, 235, 77-86.	1.1	15
44	Impact of energy restriction during late gestation on the muscle and blood transcriptome of beef calves after preconditioning. <i>BMC Genomics</i> , 2018, 19, 702.	1.2	20
45	Research Article Expression of lipid metabolism and myosin heavy chain genes in pigs is affected by genotype and dietary lysine. <i>Genetics and Molecular Research</i> , 2018, 17, .	0.3	3
46	Effects of grain processing methods on the expression of genes involved in volatile fatty acid transport and pH regulation, and keratinization in rumen epithelium of beef cattle. <i>PLoS ONE</i> , 2018, 13, e0198963.	1.1	11
47	Supplementation of grazing beef cows during gestation as a strategy to improve skeletal muscle development of the offspring. <i>Animal</i> , 2017, 11, 2184-2192.	1.3	17
48	Technical Note: A comparison among adipogenic induction protocols for dedifferentiated fat (DFAT) cells obtained from subcutaneous fat of pigs. <i>Livestock Science</i> , 2017, 199, 57-62.	0.6	1
49	Weight, body condition, milk production, and metabolism of Nellore cows when their calves are submitted to different supplementation levels. <i>Tropical Animal Health and Production</i> , 2017, 49, 383-387.	0.5	5
50	Performance strategies affect mammary gland development in prepubertal heifers. <i>Journal of Dairy Science</i> , 2017, 100, 8033-8042.	1.4	5
51	Morphological and molecular differences in corpus luteum of pregnant sows from divergent genetic groups. <i>Theriogenology</i> , 2017, 104, 105-114.	0.9	5
52	Differences in skeletal muscle proteolysis in Nellore and Angus cattle might be driven by Calpastatin activity and not the abundance of Calpain/Calpastatin. <i>Journal of Agricultural Science</i> , 2017, 155, 1669-1676.	0.6	5
53	Intestinal development of bovine foetuses during gestation is affected by foetal sex and maternal nutrition. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2017, 101, 493-501.	1.0	7
54	TRIENNIAL GROWTH AND DEVELOPMENT SYMPOSIUM: Dedifferentiated fat cells: Potential and perspectives for their use in clinical and animal science purpose1. <i>Journal of Animal Science</i> , 2017, 95, 2255-2260.	0.2	2

#	ARTICLE	IF	CITATIONS
55	585 Expression of genes involved in energy metabolism and transport of volatile fatty acids and urea in rumen epithelium of bulls identified for high, medium, and low residual Feed intake. <i>Journal of Animal Science</i> , 2017, 95, 286-287.	0.2	0
56	Chromium, CLA, and ractopamine for finishing pigs ¹ . <i>Journal of Animal Science</i> , 2017, 95, 4472-4480.	0.2	14
57	328 Effect of maternal nutrition and sex on skeletal muscle gene expression in Angus cattle during immune challenge. <i>Journal of Animal Science</i> , 2017, 95, 162-163.	0.2	0
58	586 Grain processing effects on expression of genes involved in volatile fatty acid transport in rumen epithelium of beef cattle. <i>Journal of Animal Science</i> , 2017, 95, 287-287.	0.2	0
59	The optimal number of partial least squares components in genomic selection for pork pH. <i>Ciencia Rural</i> , 2017, 47, .	0.3	2
60	152 Effects of frequency of supplementation during peri and postpartum of grazing primiparous Nellore cows. <i>Journal of Animal Science</i> , 2017, 95, 74-75.	0.2	0
61	Chromium, CLA, and ractopamine for finishing pigs. <i>Journal of Animal Science</i> , 2017, .	0.2	2
62	TRIENNIAL GROWTH AND DEVELOPMENT SYMPOSIUM: Dedifferentiated fat cells: Potential and perspectives for their use in clinical and animal science purpose. <i>Journal of Animal Science</i> , 2017, 95, 2255.	0.2	4
63	Expression of genes related to the regulation of muscle protein turnover in Angus and Nellore bulls ¹ . <i>Journal of Animal Science</i> , 2016, 94, 1472-1481.	0.2	3
64	0789 Dedifferentiated fat cells: Potential involvement in intramuscular adipogenesis. <i>Journal of Animal Science</i> , 2016, 94, 379-380.	0.2	0
65	Review: Animal model and the current understanding of molecule dynamics of adipogenesis. <i>Animal</i> , 2016, 10, 927-932.	1.3	25
66	Effects of nutrient intake level on mammary parenchyma growth and gene expression in crossbred (Holstein × Gyr) prepubertal heifers. <i>Journal of Dairy Science</i> , 2016, 99, 9962-9973.	1.4	17
67	Effect of feeding strategies on weaning weight and milk production of Holstein × Zebu calves in dual purpose milk production systems. <i>Tropical Animal Health and Production</i> , 2015, 47, 1095-1100.	0.5	5
68	Achieving Body Weight Adjustments for Feeding Status and Pregnant or Non-Pregnant Condition in Beef Cows. <i>PLoS ONE</i> , 2015, 10, e0112111.	1.1	20
69	Identification of Suitable Reference Genes for Real Time Quantitative Polymerase Chain Reaction Assays on Pectoralis major Muscle in Chicken (<i>Gallus gallus</i>). <i>PLoS ONE</i> , 2015, 10, e0127935.	1.1	39
70	Molecular Factors Underlying the Deposition of Intramuscular Fat and Collagen in Skeletal Muscle of Nellore and Angus Cattle. <i>PLoS ONE</i> , 2015, 10, e0139943.	1.1	52
71	Utilization of castor bean meal treated with calcium hydroxide, fed wet or dry, by lambs. <i>Livestock Science</i> , 2014, 168, 76-83.	0.6	14
72	Maternal overnutrition enhances mRNA expression of adipogenic markers and collagen deposition in skeletal muscle of beef cattle fetuses ¹ . <i>Journal of Animal Science</i> , 2014, 92, 3846-3854.	0.2	36

#	ARTICLE	IF	CITATIONS
73	Soybean meal replaced by slow release urea in finishing diets for beef cattle. <i>Livestock Science</i> , 2014, 165, 51-60.	0.6	30
74	Carcass characteristics of feedlot lambs fed crude glycerin contaminated with high concentrations of crude fat. <i>Meat Science</i> , 2014, 96, 108-113.	2.7	54
75	Adipose Cell Precursors: Stem Cells in Medicine, Tissue Engineering, and Reconstructive Surgery. , 2014, , 19-22.		1
76	Treatment of long-term stored DNA—Comparison between different methods to obtain high-quality material. <i>Electrophoresis</i> , 2013, 34, 3039-3045.	1.3	0
77	Effects of maternal nutrition on development of gastrointestinal tract of bovine fetus at different stages of gestation. <i>Livestock Science</i> , 2013, 153, 60-65.	0.6	30
78	Effects of pregnancy and feeding level on carcass and meat quality traits of Nellore cows. <i>Meat Science</i> , 2013, 94, 139-144.	2.7	9
79	Effects of <i>Saccharomyces cerevisiae</i> and monensin on digestion, ruminal parameters, and balance of nitrogenous compounds of beef cattle fed diets with different starch concentrations. <i>Tropical Animal Health and Production</i> , 2013, 45, 1251-1257.	0.5	17
80	Meat quality of young Nellore bulls with low and high residual feed intake. <i>Meat Science</i> , 2013, 93, 593-599.	2.7	43
81	Bovine dedifferentiated adipose tissue (DFAT) cells. <i>Adipocyte</i> , 2013, 2, 148-159.	1.3	19
82	MEAT SCIENCE AND MUSCLE BIOLOGY SYMPOSIUM: Manipulating mesenchymal progenitor cell differentiation to optimize performance and carcass value of beef cattle ^{1,2} . <i>Journal of Animal Science</i> , 2013, 91, 1419-1427.	0.2	172
83	Cell Supermarket: Adipose Tissue as a Source of Stem Cells. <i>Journal of Genomics</i> , 2013, 1, 39-44.	0.6	21
84	Cellular and Molecular Implications of Mature Adipocyte Dedifferentiation. <i>Journal of Genomics</i> , 2013, 1, 5-12.	0.6	27
85	Enhancement of adipogenesis and fibrogenesis in skeletal muscle of Wagyu compared with Angus cattle. <i>Journal of Animal Science</i> , 2013, 91, 2938-2946.	0.2	69
86	Like pigs, and unlike other breeds of cattle examined, mature Angus-derived adipocytes may extrude lipid prior to proliferation in vitro. <i>Adipocyte</i> , 2012, 1, 237-241.	1.3	6
87	Strategies of supplementation of female suckling calves and nutrition parameters of beef cows on tropical pasture. <i>Tropical Animal Health and Production</i> , 2012, 44, 1803-1811.	0.5	12
88	Influence of genetic type and level of concentrate in the finishing diet on carcass and meat quality traits in beef heifers. <i>Meat Science</i> , 2012, 90, 770-774.	2.7	43
89	SP-index: The measure of the scientific production of researchers. <i>Biochemical and Biophysical Research Communications</i> , 2012, 425, 701-702.	1.0	6
90	AMP-activated protein kinase stimulates myostatin expression in C2C12 cells. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 36-40.	1.0	30

#	ARTICLE	IF	CITATIONS
91	Bovine mature adipocytes readily return to a proliferative state. <i>Tissue and Cell</i> , 2012, 44, 385-390.	1.0	9
92	Intake, digestibility, performance, and carcass traits of beef cattle of different gender. <i>Tropical Animal Health and Production</i> , 2012, 44, 361-367.	0.5	11
93	Influence of dental carcass maturity on carcass traits and meat quality of Nellore bulls. <i>Meat Science</i> , 2011, 88, 441-446.	2.7	41
94	Pattern of tissue deposition, gain and body composition of Nellore, F1 Simmental × Nellore and F1 Angus × Nellore steers fed at maintenance or ad libitum with two levels of concentrate in the diet. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 2886-2893.	0.3	10
95	Carcass traits of Nellore, F1 Simmental × Nellore and F1 Angus × Nellore steers fed at maintenance or ad libitum with two concentrate levels in the diet. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 2938-2946.	0.3	8
96	Beef quality traits of Nellore, F1 Simmental × Nellore and F1 Angus × Nellore steers fed at the maintenance level or ad libitum with two concentrate levels in the diet. <i>Revista Brasileira De Zootecnia</i> , 2011, 40, 2894-2902.	0.3	4
97	Influence of condensed tannin on intake, digestibility, and efficiency of protein utilization in beef steers fed high concentrate diet. <i>Livestock Science</i> , 2011, 141, 1-11.	0.6	57
98	Performance and meat quality traits of beef heifers fed with two levels of concentrate and ruminally undegradable protein. <i>Tropical Animal Health and Production</i> , 2011, 43, 877-886.	0.5	13
99	Desempenho de novilhas leiteiras sob manejo para crescimento compensatório recebendo suplementação com ionôforo. <i>Revista Brasileira De Zootecnia</i> , 2007, 36, 461-470.	0.3	3