

Marcos V Dos Santos

List of Publications by Year in descending order

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103
papers

2,256
citations

236833

25
h-index

276775

41
g-index

105
all docs

105
docs citations

105
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial Resistance and Molecular Characterization of <i>Staphylococcus aureus</i> Recovered from Cows with Clinical Mastitis in Dairy Herds from Southeastern Brazil. <i>Antibiotics</i> , 2022, 11, 424.	1.5	8
2	Herd-level associations between somatic cell counts and economic performance indicators in Brazilian dairy herds. <i>Journal of Dairy Science</i> , 2021, 104, 1855-1863.	1.4	6
3	Application of a dot blot hybridization assay for genotyping <i>Streptococcus uberis</i> from Brazilian dairy herds. <i>Journal of Dairy Science</i> , 2021, 104, 3418-3426.	1.4	1
4	Short communication: Association between the accessory gene regulator (<i>agr</i>) group and the severity of bovine mastitis caused by <i>Staphylococcus aureus</i> . <i>Journal of Dairy Science</i> , 2021, 104, 3564-3568.	1.4	9
5	Evaluation of Chromogenic Culture Media for Rapid Identification of Gram-Positive Bacteria Causing Mastitis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 662201.	0.9	5
6	Casein hydrolyzate for drying-off lactating mammary quarters in cows with chronic mastitis. <i>Journal of Dairy Research</i> , 2021, 88, 185-188.	0.7	0
7	Evaluation of chromogenic culture media for rapid identification of microorganisms isolated from cows with clinical and subclinical mastitis. <i>Journal of Dairy Science</i> , 2021, 104, 9115-9129.	1.4	9
8	Association between antimicrobial use and antimicrobial resistance of <i>Streptococcus uberis</i> causing clinical mastitis. <i>Journal of Dairy Science</i> , 2021, 104, 12030-12041.	1.4	12
9	MALDI-TOF MS identification of <i>Prototheca</i> algae associated with bovine mastitis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2021, 33, 1168-1171.	0.5	5
10	First investigation of <i>Staphylococcus argenteus</i> in a Brazilian collections of <i>S. aureus</i> isolated from bovine mastitis. <i>BMC Veterinary Research</i> , 2020, 16, 252.	0.7	6
11	Internal Teat Sealant Administered at Drying off Reduces Intramammary Infections during the Dry and Early Lactation Periods of Dairy Cows. <i>Animals</i> , 2020, 10, 1522.	1.0	7
12	Chronic subclinical mastitis reduces milk and components yield at the cow level. <i>Journal of Dairy Research</i> , 2020, 87, 298-305.	0.7	20
13	Antimicrobial use for treatment of clinical mastitis in dairy herds from Brazil and its association with herd-level descriptors. <i>Preventive Veterinary Medicine</i> , 2020, 176, 104937.	0.7	21
14	Different distribution of antimicrobial resistance genes and virulence profiles of <i>Staphylococcus aureus</i> strains isolated from clinical mastitis in six countries. <i>Journal of Dairy Science</i> , 2020, 103, 3431-3446.	1.4	30
15	Pathogen effects on milk yield and composition in chronic subclinical mastitis in dairy cows. <i>Veterinary Journal</i> , 2020, 262, 105473.	0.6	30
16	Levels and degradability of crude protein in digestive metabolism and performance of dairy cows. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2020, 57, e168157.	0.2	0
17	Comparison of standard and on-plate extraction protocols for identification of mastitis-causing bacteria by MALDI-TOF MS. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 849-857.	0.8	25
18	Genotyping and antimicrobial resistance of <i>Streptococcus uberis</i> isolated from bovine clinical mastitis. <i>PLoS ONE</i> , 2019, 14, e0223719.	1.1	16

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19	Noninferiority field trial for evaluation of efficacy of ciprofloxacin associated with internal teat sealant as dry-off protocol. <i>Tropical Animal Health and Production</i> , 2019, 51, 2547-2557.	0.5	4
20	Effect of dietary crude protein degradability and corn processing on lactation performance and milk protein composition and stability. <i>Journal of Dairy Science</i> , 2019, 102, 4165-4178.	1.4	10
21	Evaluating internal and external markers versus fecal sampling procedure interactions when estimating intake in dairy cows consuming a corn silage-based diet. <i>Journal of Dairy Science</i> , 2018, 101, 5890-5901.	1.4	16
22	Milk losses associated with somatic cell counts by parity and stage of lactation. <i>Journal of Dairy Science</i> , 2018, 101, 4357-4366.	1.4	37
23	Bovine subclinical mastitis reduces milk yield and economic return. <i>Livestock Science</i> , 2018, 210, 25-32.	0.6	62
24	Herd characteristics and management practices associated with bulk tank milk quality of dairy herds in southeastern Brazil. <i>Tropical Animal Health and Production</i> , 2018, 50, 1605-1610.	0.5	0
25	Effect of somatic cell count on composition and hygiene indicators of bulk tank milk. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, 1-11.	0.2	3
26	Association of herd-level risk factors and incidence rate of clinical mastitis in 20 Brazilian dairy herds. <i>Preventive Veterinary Medicine</i> , 2018, 161, 9-18.	0.7	26
27	Randomized noninferiority field trial evaluating cephapirin sodium for treatment of nonsevere clinical mastitis. <i>Journal of Dairy Science</i> , 2018, 101, 7334-7347.	1.4	6
28	Molecular characterization and antimicrobial susceptibility pattern of <i>Streptococcus agalactiae</i> isolated from clinical mastitis in dairy cattle. <i>PLoS ONE</i> , 2018, 13, e0199561.	1.1	31
29	<i>Staphylococcus aureus</i> Isolates from Bovine Mastitis in Eight Countries: Genotypes, Detection of Genes Encoding Different Toxins and Other Virulence Genes. <i>Toxins</i> , 2018, 10, 247.	1.5	76
30	Rapid identification of bovine mastitis pathogens by MALDI-TOF Mass Spectrometry. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 586-594.	0.5	16
31	Antimicrobial susceptibility patterns of <i>Escherichia coli</i> phylogenetic groups isolated from bovine clinical mastitis. <i>Journal of Dairy Science</i> , 2018, 101, 9406-9418.	1.4	11
32	Antimicrobial activity of crude extracts from actinomycetes against mastitis pathogens. <i>Journal of Dairy Science</i> , 2018, 101, 10116-10125.	1.4	12
33	Direct identification of bovine mastitis pathogens by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry in pre-incubated milk. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 801-807.	0.8	12
34	Dose-response effect of crude extracts produced by actinobacteria on in vitro rumen fermentation. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, e141243.	0.2	1
35	Non-culture-based identification of mastitis-causing bacteria by MALDI-TOF mass spectrometry. <i>Journal of Dairy Science</i> , 2017, 100, 2928-2934.	1.4	37
36	Efficacy of a high free iodine barrier teat disinfectant for the prevention of naturally occurring new intramammary infections and clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , 2017, 100, 3930-3939.	1.4	23

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37	Using milk leukocyte differentials for diagnosis of subclinical bovine mastitis. <i>Journal of Dairy Research</i> , 2017, 84, 309-317.	0.7	27
38	666 Effect of oregano essential oil and black wattle tanniniferous extract in the diet of feedlot lambs on meat fatty acid composition. <i>Journal of Animal Science</i> , 2017, 95, 326-326.	0.2	0
39	Effect of the ensiling time of hydrated ground corn on silage composition and in situ starch degradability. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2016, 53, 60.	0.2	24
40	Effect of dietary nitrogen source and crude protein content on nitrogen balance and lactating performance of dairy cows. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2016, 53, 72.	0.2	5
41	How can dairies maximize their profits and properly remunerate their dairy farmers?. <i>Scientia Agricola</i> , 2016, 73, 51-61.	0.6	3
42	Effect of dietary cation-anion difference on ruminal metabolism, total apparent digestibility, blood and renal acid-base regulation in lactating dairy cows. <i>Animal</i> , 2016, 10, 64-74.	1.3	10
43	Randomized clinical trial comparing ceftiofur hydrochloride with a positive control protocol for intramammary treatment of nonsevere clinical mastitis in dairy cows. <i>Journal of Dairy Science</i> , 2016, 99, 5619-5628.	1.4	19
44	Effect of substituting dry corn with rehydrated ensiled corn on dairy cow milk yield and nutrient digestibility. <i>Animal Feed Science and Technology</i> , 2016, 221, 167-173.	1.1	17
45	Effects of bovine subclinical mastitis caused by <i>Corynebacterium</i> spp. on somatic cell count, milk yield and composition by comparing contralateral quarters. <i>Veterinary Journal</i> , 2016, 209, 87-92.	0.6	62
46	Evaluation of methods of DNA extraction from <i>Staphylococcus aureus</i> in milk for use in real-time PCR. <i>Genetics and Molecular Research</i> , 2015, 14, 227-233.	0.3	9
47	Effect of dietary cation-anion difference on performance of lactating dairy cows and stability of milk proteins. <i>Journal of Dairy Science</i> , 2015, 98, 2650-2661.	1.4	15
48	Effect of essential oils of <i>Syzygium aromaticum</i> and <i>Cinnamomum zeylanicum</i> and their major components on biofilm production in <i>Staphylococcus aureus</i> strains isolated from milk of cows with mastitis. <i>Journal of Dairy Science</i> , 2015, 98, 5899-5904.	1.4	49
49	Biofilm-producing ability and efficiency of sanitizing agents against <i>Prototheca zopfii</i> isolates from bovine subclinical mastitis. <i>Journal of Dairy Science</i> , 2015, 98, 3613-3621.	1.4	28
50	Bovine subclinical intramammary infection caused by coagulase-negative staphylococci increases somatic cell count but has no effect on milk yield or composition. <i>Journal of Dairy Science</i> , 2015, 98, 3071-3078.	1.4	65
51	Letter to the editor: A response to the comments of Silanikove et al. (2015). <i>Journal of Dairy Science</i> , 2015, 98, 7423-7425.	1.4	0
52	Detection and Enumeration of <i>Streptococcus agalactiae</i> from Bovine Milk Samples by Real-Time Polymerase Chain Reaction. <i>Current Microbiology</i> , 2015, 71, 363-372.	1.0	4
53	<i>Staphylococcus aureus</i> intramammary infection affects milk yield and SCC of dairy cows. <i>Tropical Animal Health and Production</i> , 2015, 47, 61-66.	0.5	18
54	Risk factors associated with the antimicrobial resistance of <i>Staphylococcus aureus</i> isolated from bovine mastitis. <i>Pesquisa Veterinaria Brasileira</i> , 2014, 34, 947-952.	0.5	15

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55	Morphological characteristics of maize plants in estimate the silage chemical composition. Brazilian Journal of Veterinary Research and Animal Science, 2014, 51, 233.	0.2	1
56	Nitrogen balance and milk composition of dairy cows fed urea and soybean meal and two protein levels using sugar cane based diets. Brazilian Journal of Veterinary Research and Animal Science, 2014, 51, 242.	0.2	2
57	Identification of Coagulase-Negative Staphylococci from Bovine Intramammary Infection by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. Journal of Clinical Microbiology, 2014, 52, 1658-1663.	1.8	52
58	Identification of Corynebacterium spp. isolated from bovine intramammary infections by matrix-assisted laser desorption ionization-time of flight mass spectrometry. Veterinary Microbiology, 2014, 173, 147-151.	0.8	43
59	Addition of unsaturated fatty acids improves digestion of mid lactating dairy cows. Archivos De Zootecnia, 2014, 63, 563-573.	0.2	3
60	Effect of somatic cell count and mastitis pathogens on milk composition in Gyr cows. BMC Veterinary Research, 2013, 9, 67.	0.7	70
61	Detection and enumeration of Staphylococcus aureus from bovine milk samples by real-time polymerase chain reaction. Journal of Dairy Science, 2013, 96, 6955-6964.	1.4	25
62	Bacterial identification: from the agar plate to the mass spectrometer. RSC Advances, 2013, 3, 994-1008.	1.7	54
63	Minimum inhibitory concentrations of cephalosporin compounds and their active metabolites for selected mastitis pathogens. American Journal of Veterinary Research, 2013, 74, 683-690.	0.3	16
64	Fatty acid profile and composition of milk protein fraction in dairy cows fed long-chain unsaturated fatty acids during the transition period. Revista Brasileira De Zootecnia, 2013, 42, 813-823.	0.3	11
65	Nutrients balances and milk fatty acid profile of mid lactation dairy cows supplemented with unsaturated fatty acid. Revista Brasileira De Saude E Producao Animal, 2013, 14, 322-335.	0.3	0
66	Effect of chronic infusion of leptin and nutrition on sexual maturation of zebu heifers1. Journal of Animal Science, 2013, 91, 1207-1215.	0.2	5
67	Quality based payment program and milk quality in dairy cooperatives of Southern Brazil: an econometric analysis. Scientia Agrícola, 2013, 70, 21-26.	0.6	31
68	164 RAPID IDENTIFICATION OF BACTERIA IN BOVINE SEMEN BY MATRIX-ASSISTED LASER DESORPTION/IONIZATION MASS SPECTROMETRY. Reproduction, Fertility and Development, 2013, 25, 230.	0.1	0
69	Lipid and selenium sources on fatty acid composition of intramuscular fat and muscle selenium concentration of Nellore steers. Revista Brasileira De Zootecnia, 2012, 41, 2357-2363.	0.3	19
70	Organic and inorganic sources of zinc, copper and selenium in diets for dairy cows: intake, blood metabolic profile, milk yield and composition. Revista Brasileira De Zootecnia, 2012, 41, 1477-1483.	0.3	24
71	Nonculture-based identification of bacteria in milk by protein fingerprinting. Proteomics, 2012, 12, 2739-2745.	1.3	26
72	Expression of genes from the lignin synthesis pathway in guineagrass genotypes differing in cell-wall digestibility. Grass and Forage Science, 2012, 67, 43-54.	1.2	9

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73	PARTICIPAÇÃO DO <i>Staphylococcus</i> spp NA ETIOLOGIA DAS MASTITES EM BOVINOS LEITEIROS NO ESTADO DE PERNAMBUCO (BRASIL). <i>Ciencia Animal Brasileira</i> , 2012, 13, .	0.3	5
74	Evaluation of somatic cell count thresholds to detect subclinical mastitis in Gyr cows. <i>Journal of Dairy Science</i> , 2011, 94, 4406-4412.	1.4	31
75	Prediction of bovine milk true protein content by mid-infrared spectroscopy. <i>Ciencia Rural</i> , 2011, 41, 1472-1474.	0.3	5
76	Productive performance and composition of milk protein fraction in dairy cows supplemented with fat sources. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 845-852.	0.3	11
77	Milk flow, teat morphology and subclinical mastitis prevalence in Gir cows. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 1507-1512.	0.9	17
78	Productive performance and milk protein fraction composition of dairy cows supplemented with sodium monensin. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 1810-1817.	0.3	12
79	Antioxidant enzymes and somatic cell count in dairy cows fed with organic source of zinc, copper and selenium. <i>Livestock Science</i> , 2010, 127, 84-87.	0.6	34
80	Short communication: Identification of subclinical cow mastitis pathogens in milk by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Dairy Science</i> , 2010, 93, 5661-5667.	1.4	79
81	Valor nutritivo do colmo de híbridos de milho colhidos em três estádios de maturidade. <i>Pesquisa Agropecuaria Brasileira</i> , 2010, 45, 758-766.	0.9	3
82	Perfil de sensibilidade microbiana in vitro de linhagens de <i>Staphylococcus</i> spp. isoladas de vacas com mastite subclínica. <i>Pesquisa Veterinaria Brasileira</i> , 2009, 29, 569-574.	0.5	14
83	Qualidade de queijo minas frescal preparado com leite com diferentes quantidades de cálcio somáticas. <i>Pesquisa Agropecuaria Brasileira</i> , 2009, 44, 320-326.	0.9	16
84	Effect of the kappa-casein gene polymorphism, breed and seasonality on physicochemical characteristics, composition and stability of bovine milk. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 2447-2454.	0.3	29
85	Avaliação in vitro da eficácia de desinfetantes comerciais utilizados no pré e pós-dipping frente amostras de <i>Staphylococcus</i> spp. isoladas de mastite bovina. <i>Pesquisa Veterinaria Brasileira</i> , 2009, 29, 71-75.	0.5	14
86	Composition, functional properties and sensory characteristics of Mozzarella cheese manufactured from different somatic cell counts in milk. <i>Brazilian Archives of Biology and Technology</i> , 2009, 52, 1235-1242.	0.5	11
87	Effects of dietary urea levels on milk protein fractions of Holstein cows. <i>Animal Feed Science and Technology</i> , 2008, 140, 191-198.	1.1	9
88	Microbial and Sensory Changes Throughout the Ripening of Prato Cheese Made from Milk with Different Levels of Somatic Cells. <i>Journal of Dairy Science</i> , 2008, 91, 1743-1750.	1.4	33
89	Effect of beta-lactoglobulin polymorphism and seasonality on bovine milk composition. <i>Journal of Dairy Research</i> , 2008, 75, 176-181.	0.7	16
90	Effect of Somatic Cell Count on Prato Cheese Composition. <i>Journal of Dairy Science</i> , 2007, 90, 630-636.	1.4	60

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91	Atividade lipolítica do leite com células somáticas ajustadas para diferentes níveis. Arquivo Brasileiro De Medicina Veterinária E Zootecnia, 2007, 59, 832-836.	0.1	3
92	Polimorfismo da beta-lactoglobulina não afeta as características físico-químicas e a estabilidade do leite bovino. Pesquisa Agropecuária Brasileira, 2007, 42, 747-753.	0.9	7
93	Efeito de níveis crescentes de uréia na dieta de vacas em lactação sobre a produção e a composição físico-química do leite. Revista Brasileira De Zootecnia, 2007, 36, 881-887.	0.3	16
94	Influence of Raw Milk Quality on Fluid Milk Shelf Life. Journal of Dairy Science, 2006, 89, E15-E19.	1.4	220
95	Remoção de células somáticas pela microfiltração não afeta a composição e a proteólise do leite. Ciencia Rural, 2006, 36, 1486-1493.	0.3	3
96	An approach to identify dairy cows being responsive to recombinant bovine somatotropin. Journal of Animal Physiology and Animal Nutrition, 2006, 90, 433-439.	1.0	0
97	Sensory Threshold of Off-Flavors Caused by Proteolysis and Lipolysis in Milk. Journal of Dairy Science, 2003, 86, 1601-1607.	1.4	85
98	Effect of CO ₂ Addition to Raw Milk on Proteolysis and Lipolysis at 4°C. Journal of Dairy Science, 2003, 86, 1616-1631.	1.4	61
99	Effect of Somatic Cell Count on Proteolysis and Lipolysis in Pasteurized Fluid Milk During Shelf-Life Storage. Journal of Dairy Science, 2003, 86, 2491-2503.	1.4	90
100	Plasma Ascorbate Concentrations Are Not Correlated With Milk Somatic Cell Count and Metabolic Profile in Lactating And Dry Cows. Journal of Dairy Science, 2001, 84, 134-139.	1.4	8
101	Effect of microbiological characteristics of raw milk on the quality of whole milk powder. Brazilian Journal of Microbiology, 2000, 31, 95.	0.8	6
102	In vitro evaluation of novel crude extracts produced by actinobacteria for modulation of ruminal fermentation. Revista Brasileira De Zootecnia, 0, 48, .	0.3	0
103	Productive and reproductive performance of crossbred dairy heifers with induced lactation and efficacy of antimicrobial therapy associated with internal teat sealants. Brazilian Journal of Veterinary Research and Animal Science, 0, 59, e190578.	0.2	0