

Fernando Nogueira de Souza

List of Publications by Year in descending order

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83
papers

673
citations

687335

13
h-index

713444

21
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83
all docs

83
docs citations

83
times ranked

690
citing authors

#	ARTICLE	IF	CITATIONS
1	Somatic cell count in small ruminants: Friend or foe?. <i>Small Ruminant Research</i> , 2012, 107, 65-75.	1.2	69
2	Effects of bovine leukemia virus infection on milk neutrophil function and the milk lymphocyte profile. <i>Veterinary Research</i> , 2015, 46, 2.	3.0	39
3	Function of milk polymorphonuclear neutrophil leukocytes in bovine mammary glands infected with <i>Corynebacterium bovis</i> . <i>Journal of Dairy Science</i> , 2013, 96, 3750-3757.	3.4	30
4	Interaction between bovine-associated coagulase-negative staphylococci species and strains and bovine mammary epithelial cells reflects differences in ecology and epidemiological behavior. <i>Journal of Dairy Science</i> , 2016, 99, 2867-2874.	3.4	30
5	Immunological implications of bovine leukemia virus infection. <i>Research in Veterinary Science</i> , 2017, 114, 109-116.	1.9	28
6	Diagnosing mastitis in early lactation: use of Somatic Cell Count, California mastitis test and somatic cell count. <i>Italian Journal of Animal Science</i> , 2018, 17, 723-729.	1.9	26
7	Somatic cell count and mastitis pathogen detection in composite and single or duplicate quarter milk samples. <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 811-818.	0.5	24
8	Immune response in nonspecific mastitis: What can it tell us?. <i>Journal of Dairy Science</i> , 2020, 103, 5376-5386.	3.4	24
9	Antioxidant status and biomarkers of oxidative stress in bovine leukemia virus-infected dairy cows. <i>Veterinary Immunology and Immunopathology</i> , 2011, 143, 162-166.	1.2	21
10	Flow cytometric analysis: Interdependence of healthy and infected udder quarters. <i>Journal of Dairy Science</i> , 2015, 98, 2401-2408.	3.4	21
11	THE INNATE IMMUNITY IN BOVINE MASTITIS: THE ROLE OF PATTERN-RECOGNITION RECEPTORS. <i>American Journal of Immunology</i> , 2012, 8, 166-178.	0.1	18
12	The neutrophil function and lymphocyte profile of milk from bovine mammary glands infected with <i>Streptococcus dysgalactiae</i> . <i>Journal of Dairy Research</i> , 2015, 82, 460-469.	1.4	16
13	Perfil celular e microbiológico do leite de ovelhas Santa Inês no período lactante e pós-desmame. <i>Pesquisa Veterinaria Brasileira</i> , 2008, 28, 417-422.	0.5	14
14	Lymphocyte proliferation and apoptosis of lymphocyte subpopulations in bovine leukemia virus-infected dairy cows with high and low proviral load. <i>Veterinary Immunology and Immunopathology</i> , 2018, 206, 41-48.	1.2	14
15	Comparison of antibody repertoires against <i>Staphylococcus aureus</i> in healthy and infected dairy cows with a distinct mastitis history and vaccinated with a polyvalent mastitis vaccine. <i>Journal of Dairy Science</i> , 2020, 103, 4588-4605.	3.4	13
16	R-Phycoerythrin - labeled <i>Mannheimia haemolytica</i> for the simultaneous measurement of phagocytosis and intracellular reactive oxygen species production in bovine blood and bronchoalveolar lavage cells. <i>Veterinary Immunology and Immunopathology</i> , 2018, 196, 53-59.	1.2	12
17	Apoptosis and necrosis of polymorphonuclear leukocytes in goat milk with high and low somatic cell counts. <i>Small Ruminant Research</i> , 2011, 100, 67-71.	1.2	11
18	Intracellular Reactive Oxygen Species Production by Polymorphonuclear Leukocytes in Bovine Leukemia Virus-Infected Dairy Cows. <i>Journal of Veterinary Medical Science</i> , 2012, 74, 221-225.	0.9	11

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19	Metabolites of bovine-associated non-aureus staphylococci influence expression of Staphylococcus aureus agr-related genes in vitro. <i>Veterinary Research</i> , 2021, 52, 62.	3.0	11
20	Clinical findings related to intramammary infections in meat-producing ewes. <i>Tropical Animal Health and Production</i> , 2014, 46, 127-132.	1.4	10
21	Short communication: Occurrence of methicillin-resistant Staphylococcus aureus and coagulase-negative staphylococci in dairy goat herds in Ohio, United States. <i>Journal of Dairy Science</i> , 2018, 101, 7804-7807.	3.4	10
22	Molecular Typing and Antimicrobial Susceptibility Profile of Staphylococcus aureus Isolates Recovered from Bovine Mastitis and Nasal Samples. <i>Animals</i> , 2020, 10, 2143.	2.3	10
23	Effect of seasonal conditions and milk management practices on bulk milk quality in Minas Gerais State - Brazil. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 1355-1363.	0.4	10
24	Avaliaç�o da apoptose de leuc�citos polimorfonucleares CH138+ em leite bovino de alta e baixa contagem de c�lulas som�ticas : dados preliminares. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 533-539.	0.4	10
25	Distinct behavior of bovine-associated staphylococci species in their ability to resist phagocytosis and trigger respiratory burst activity by blood and milk polymorphonuclear leukocytes in dairy cows. <i>Journal of Dairy Science</i> , 2022, 105, 1625-1637.	3.4	10
26	Milk lymphocyte profile and macrophage functions: new insights into the immunity of the mammary gland in quarters infected with <i>Corynebacterium bovis</i> . <i>BMC Veterinary Research</i> , 2021, 17, 282.	1.9	9
27	Blood and milk polymorphonuclear leukocyte and monocyte/macrophage functions in naturally caprine arthritis encephalitis virus infection in dairy goats. <i>Veterinary Immunology and Immunopathology</i> , 2017, 188, 21-26.	1.2	8
28	Lactation stage and udder health status of Santa Ines ewes. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2012, 64, 495-498.	0.4	8
29	Perfil proteico e metabolismo oxidativo de cordeiros experimentalmente infectados pelo <i>Haemonchus contortus</i> e suplementados com sel�nio e vitamina E. <i>Ciencia Rural</i> , 2010, 40, 561-567.	0.5	7
30	Avaliaç�o funcional de mon�citos de bovinos naturalmente infectados pelo v�rus da leucose bovina. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011, 63, 1131-1140.	0.4	7
31	Viabilidade celular, fagocitose e espriamento de fag�citos mononucleares, e liberaç�o de per�xido de hidrog�nio por leuc�citos de gl�ndulas mam�rias bovinas sadias e infectadas. <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 850-854.	0.5	7
32	Proliferaç�o de linf�citos e apoptose de c�lulas CD5+ de bovinos infectados pelo v�rus da leucose enzo�tica bovina. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2011, 63, 1124-1130.	0.4	6
33	Quantification of B cells and T lymphocyte subsets in bovine leukemia virus infected dairy cows. <i>Semina:Ciencias Agrarias</i> , 2012, 33, 1487-1494.	0.3	6
34	Inhibition of the growth of major mastitis-causing pathogens by non-aureus Staphylococcus isolates using the cross-streaking method. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 1745-1749.	0.4	6
35	Influ�ncia da leucose enzo�tica bovina na funç�o fagoc�tica de leuc�citos circulantes em animais manifestando linfocitose persistente. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2008, 45, 390.	0.2	5
36	Influ�ncia de diferentes tipos de micro-organismos na contagem bacteriana total por citometria de fluxo do leite cru refrigerado. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2015, 67, 607-612.	0.4	5

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37	Evaluation of protein spectra cluster analysis for <i>Streptococcus</i> spp. identification from various swine clinical samples. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 245-249.	1.1	5
38	Milk quality parameters associated with the occurrence of veterinary drug residues in bulk tank milk. <i>Scientia Agricola</i> , 2017, 74, 195-202.	1.2	5
39	Mastitis in the transition period: identification of potential blood markers. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 1120-1128.	0.4	5
40	Milk cellularity and intramammary infections in primiparous and multiparous Lacaune ewes during early lactation. <i>Small Ruminant Research</i> , 2018, 167, 117-122.	1.2	5
41	Letters to the editor: A comment on "Control of bovine mastitis in the 21st century: Immunize or tolerate?" <i>Research in Veterinary Science</i> , 2019, 126, 20-21.	1.9	5
42	Correlação entre a contagem automática de células somáticas e a porcentagem de neutrófilos pela citometria de fluxo e pela técnica de citocentrifugação. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2013, 65, 1403-1408.	0.4	4
43	A <i>Lactobacillus rhamnosus</i> strain induces protection in different sites after <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar <i>Typhimurium</i> challenge in gnotobiotic and conventional mice. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014, 66, 347-354.	0.4	4
44	Expression of CD14 and toll-like receptors 2 and 4 by milk neutrophils in bovine mammary glands infected with <i>Corynebacterium bovis</i> . <i>Pesquisa Veterinaria Brasileira</i> , 2015, 35, 1-5.	0.5	4
45	PREVALÊNCIA, ETIOLOGIA E FATORES DE RISCO DE MASTITE CLÍNICA EM REBANHOS LEITEIROS DE VIÇOSA-MG. <i>Acta Veterinaria Brasilica</i> , 2016, 10, 48.	0.1	4
46	<i>Staphylococcus aureus</i> Protection-Related Type 3 Cell-Mediated Immune Response Elicited by Recombinant Proteins and GM-CSF DNA Vaccine. <i>Vaccines</i> , 2021, 9, 899.	4.4	4
47	Antimicrobial susceptibility of coagulase-negative staphylococci isolated from meat-producing ewes with mastitis. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010, 62, 1499-1502.	0.4	3
48	Fagocitose intensificada de <i>Corynebacterium pseudotuberculosis</i> por células da série monócito-macrófago de caprinos naturalmente infectados pelo vírus da artrite encefalite. <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 1225-1229.	0.5	3
49	Effect of transgastric peritoneal access on peritoneal innate cellular immunity: experimental study in swine. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 964-970.	2.4	3
50	Detection of antimicrobial and anthelmintic residues in bulk tank milk from four different mesoregions of Minas Gerais State - Brazil. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014, 66, 621-625.	0.4	3
51	Influence of race and crossbreeding on casein micelles size. <i>Animal Science Journal</i> , 2015, 86, 553-556.	1.4	3
52	Survey of pyrethroid, macrocyclic lactone and antibacterial residues in bulk milk tank from Minas Gerais State, Brazil. <i>Pesquisa Veterinaria Brasileira</i> , 2017, 37, 97-104.	0.5	3
53	Perfil de imunoglobulinas, cura clínica e bacteriológica após diferentes tratamentos para a mastite clínica bovina. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 1141-1149.	0.4	3
54	Milk Macrophage Function in Bovine Leukemia Virus-Infected Dairy Cows. <i>Frontiers in Veterinary Science</i> , 2021, 8, 650021.	2.2	3

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55	Partial budget analysis of prepartum antimicrobial therapy and Escherichia coli J5 vaccination of dairy heifers and their effect on milk production and milk quality parameters. Pesquisa Veterinaria Brasileira, 2016, 36, 77-82.	0.5	3
56	CARACTERÍSTICAS FÍSICO-QUÍMICAS E CELULARIDADE DO LEITE DE OVELHAS SANTA INÊS EM DIFERENTES ESTÁGIOS DE LACTAÇÃO. Ciencia Animal Brasileira, 2013, 14, .	0.3	3
57	Parenteral administration of vitamins A, D and E on the oxidative metabolism and function of polymorphonuclear leukocytes in swine. Pesquisa Veterinaria Brasileira, 2012, 32, 727-734.	0.5	2
58	Variações metodológicas na contagem de células somáticas do leite de ovelhas da raça Santa Inês. Ciencia Rural, 2013, 43, 668-671.	0.5	2
59	Climate conditions associated with the occurrence of pyrethroid residues in bulk milk tank. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2016, 68, 1721-1726.	0.4	2
60	Factors associated with microbiological and clinical cure of mastitis in dairy cows. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2018, 70, 1814-1822.	0.4	2
61	Intracellular reactive oxygen species production and phagocytosis of Staphylococcus aureus by milk neutrophils as tool to diagnose mastitis and identify susceptible dairy cows. Pesquisa Veterinaria Brasileira, 2018, 38, 659-664.	0.5	2
62	Estudo comparativo das diferentes técnicas empregadas na contagem diferencial de leucócitos no leite. Pesquisa Veterinaria Brasileira, 2018, 38, 773-778.	0.5	2
63	Association of casein micelle size and enzymatic curd strength and dry matter curd yield. Ciencia Rural, 2019, 49, .	0.5	2
64	Temporal and geographical comparison of bulk tank milk and water microbiota composition in Brazilian dairy farms. Food Microbiology, 2021, 98, 103793.	4.2	2
65	Efeito da suplementação in vitro de selênio sobre neutrófilos do leite e sanguíneos em vacas leiteiras. Pesquisa Veterinaria Brasileira, 2012, 32, 174-178.	0.5	2
66	Selenium and vitamin E supplementation ameliorates the oxidative stress of lactating cows. Livestock Science, 2022, 255, 104807.	1.6	2
67	Liberação de peróxido de hidrogênio por fagócitos de glândulas mamárias bovinas hígidas e infectadas. Ciencia Rural, 2012, 42, 701-704.	0.5	1
68	Metabolismo oxidativo de leucócitos em animais infectados pelo Vírus da Leucemia Bovina. Brazilian Journal of Veterinary Research and Animal Science, 2012, 49, 93.	0.2	1
69	In vivo assessment of antiretroviral therapy-associated side effects. Memorias Do Instituto Oswaldo Cruz, 2014, 109, 484-487.	1.6	1
70	EVOLUÇÃO ANUAL DA QUALIDADE DO LEITE CRU DE TANQUES INDIVIDUAIS E COMUNITÁRIOS DO VALE DO RIO DOCE (MG). Boletim Centro De Pesquisa De Processamento De Alimentos, 2016, 34, .	0.2	1
71	In vitro efficacy of teat antiseptics against Staphylococcus aureus strains isolated from bovine mastitis. Semina:Ciencias Agrarias, 2016, 37, 1997.	0.3	1
72	Factor analysis as a tool to estimate association among individual proteins and other milk components with casein micelle size and cheese yield. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 1319-1325.	0.4	1

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73	Implications of bovine viral diseases for udder health. Brazilian Journal of Veterinary Research and Animal Science, 2018, 55, e140200.	0.2	1
74	Catarrhal mastitis by <i>Staphylococcus simulans</i> in a nulliparous goat. Brazilian Journal of Veterinary Research and Animal Science, 2018, 55, e140288.	0.2	1
75	Blood polymorphonuclear leukocyte responses against <i>Staphylococcus aureus</i> in primiparous and pluriparous Lacaune and Santa Inês ewes. Small Ruminant Research, 2021, 201, 106412.	1.2	1
76	Lymphocyte proliferative responses in dairy cows supplemented with an immunomodulatory feed additive and administered polyvalent vaccination. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2020, 72, 2397-2401.	0.4	1
77	Correlação entre a atipia linfocitária e o perfil imunológico de vacas leiteiras infectadas pelo vírus da leucemia bovina. Semina:Ciencias Agrarias, 2013, 34, 293-300.	0.3	1
78	Influence of reactive oxygen and nitrogen species on udder health and milk quality. Revista Do Instituto De Laticínios Cândido Tostes, 2022, 76, 131-141.	0.3	1
79	Efeito do congelamento e da pré-incubação sobre o isolamento de estafilococos coagulase-negativo em amostras de leite de ovelhas. Semina:Ciencias Agrarias, 2011, 32, 733-738.	0.3	0
80	In vitro efficacy of teat disinfectants against <i>Staphylococcus aureus</i> strains isolated from bovine mastitis. Revista Brasileira De Higiene E Sanidade Animal, 2014, 8, .	0.0	0
81	TEMPERATURA DO LEITE MENSURADA PELO TERMOSTATO E TERMÔMETRO EM DIFERENTES PONTOS DO TANQUE DE EXPANSÃO. Revista Brasileira De Tecnologia Agroindustrial, 2016, 10, .	0.1	0
82	Achados ultrassonográficos da glândula mamária de cabras naturalmente infectadas com o vírus da artrite encefalite caprina. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 65-74.	0.4	0
83	Climate conditions associated with the occurrence of antimicrobial and macrocyclic lactone residues in bulk tank milk. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 474-482.	0.4	0