

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	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
2	Selenium and vitamin E supplementation ameliorates the oxidative stress of lactating cows. <i>Livestock Science</i> , 2022, 255, 104807.	1.6	2
3	Influence of reactive oxygen and nitrogen species on udder health and milk quality. <i>Revista Do Instituto De LatÁcinios Cndido Tostes</i> , 2022, 76, 131-141.	0.3	1
4	Metabolites of bovine-associated non-aureus staphylococci influence expression of <i>Staphylococcus aureus</i> agr-related genes in vitro. <i>Veterinary Research</i> , 2021, 52, 62.	3.0	11
5	Milk Macrophage Function in Bovine Leukemia Virus-Infected Dairy Cows. <i>Frontiers in Veterinary Science</i> , 2021, 8, 650021.	2.2	3
6	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
7	Blood polymorphonuclear leukocyte responses against <i>Staphylococcus aureus</i> in primiparous and pluriparous Lacaune and Santa Ins ewes. <i>Small Ruminant Research</i> , 2021, 201, 106412.	1.2	1
8	<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
9	Temporal and geographical comparison of bulk tank milk and water microbiota composition in Brazilian dairy farms. <i>Food Microbiology</i> , 2021, 98, 103793.	4.2	2
10	Molecular Typing and Antimicrobial Susceptibility Profile of <i>Staphylococcus aureus</i> Isolates Recovered from Bovine Mastitis and Nasal Samples. <i>Animals</i> , 2020, 10, 2143.	2.3	10
11	Immune response in nonspecific mastitis: What can it tell us?. <i>Journal of Dairy Science</i> , 2020, 103, 5376-5386.	3.4	24
12	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
13	Lymphocyte proliferative responses in dairy cows supplemented with an immunomodulatory feed additive and administered polyvalent vaccination. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2020, 72, 2397-2401.	0.4	1
14	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
15	Association of casein micelle size and enzymatic curd strength and dry matter curd yield. <i>Ciencia Rural</i> , 2019, 49, .	0.5	2
16	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
17	Inhibition of the growth of major mastitis-causing pathogens by non-aureus <i>Staphylococcus</i> isolates using the cross-streaking method. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2019, 71, 1745-1749.	0.4	6
18	Diagnosing mastitis in early lactation: use of Somaticell [] , California mastitis test and somatic cell count. <i>Italian Journal of Animal Science</i> , 2018, 17, 723-729.	1.9	26

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19	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
20	Implications of bovine viral diseases for udder health. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, e140200.	0.2	1
21	Factors associated with microbiological and clinical cure of mastitis in dairy cows. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 1814-1822.	0.4	2
22	Intracellular reactive oxygen species production and phagocytosis of <i>Staphylococcus aureus</i> by milk neutrophils as tool to diagnose mastitis and identify susceptible dairy cows. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 659-664.	0.5	2
23	Catarrhal mastitis by <i>Staphylococcus simulans</i> in a nulliparous goat. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2018, 55, e140288.	0.2	1
24	Estudo comparativo das diferentes técnicas empregadas na contagem diferencial de leucócitos no leite. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 773-778.	0.5	2
25	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
26	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
27	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
28	Short communication: Occurrence of methicillin-resistant <i>Staphylococcus aureus</i> 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
29	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
30	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
31	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
32	Immunological implications of bovine leukemia virus infection. <i>Research in Veterinary Science</i> , 2017, 114, 109-116.	1.9	28
33	Factor analysis as a tool to estimate association among individual proteins and other milk components with casein micelle size and cheese yield. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 1319-1325.	0.4	1
34	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
35	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
36	Achados ultrassonográficos da glândula mamária de cabras naturalmente infectadas com o vírus da artrite encefalite caprina. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 65-74.	0.4	0

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37	Climate conditions associated with the occurrence of antimicrobial and macrocyclic lactone residues in bulk tank milk. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2017, 69, 474-482.	0.4	0
38	EVOLUÇÃO ANUAL DA QUALIDADE DO LEITE CRU DE TANQUES INDIVIDUAIS E COMUNITÁRIOS DO VALE DO RIO DOCE (MG). <i>Boletim Centro De Pesquisa De Processamento De Alimentos</i> , 2016, 34, .	0.2	1
39	Climate conditions associated with the occurrence of pyrethroid residues in bulk milk tank. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2016, 68, 1721-1726.	0.4	2
40	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
41	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
42	In vitro efficacy of teat antiseptics against <i>Staphylococcus aureus</i> strains isolated from bovine mastitis. <i>Seminário Ciências Agrárias</i> , 2016, 37, 1997.	0.3	1
43	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
44	Partial budget analysis of prepartum antimicrobial therapy and <i>Escherichia coli</i> J5 vaccination of dairy heifers and their effect on milk production and milk quality parameters. <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 77-82.	0.5	3
45	TEMPERATURA DO LEITE MENSURADA PELO TERMOSTATO E TERMÔMETRO EM DIFERENTES PONTOS DO TANQUE DE EXPANSÃO. <i>Revista Brasileira De Tecnologia Agroindustrial</i> , 2016, 10, .	0.1	0
46	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
47	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
48	Influência 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
49	Influence of race and crossbreeding on casein micelles size. <i>Animal Science Journal</i> , 2015, 86, 553-556.	1.4	3
50	Flow cytometric analysis: Interdependence of healthy and infected udder quarters. <i>Journal of Dairy Science</i> , 2015, 98, 2401-2408.	3.4	21
51	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
52	A <i>Lactobacillus rhamnosus</i> strain induces protection in different sites after <i>Salmonella enterica</i> subsp. <i>enterica</i> serovar Typhimurium challenge in gnotobiotic and conventional mice. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2014, 66, 347-354.	0.4	4
53	In vivo assessment of antiretroviral therapy-associated side effects. <i>Memórias Do Instituto Oswaldo Cruz</i> , 2014, 109, 484-487.	1.6	1
54	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

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55	Clinical findings related to intramammary infections in meat-producing ewes. <i>Tropical Animal Health and Production</i> , 2014, 46, 127-132.	1.4	10
56	In vitro efficacy of teat disinfectants against <i>Staphylococcus aureus</i> strains isolated from bovine mastitis. <i>Revista Brasileira De Higiene E Sanidade Animal</i> , 2014, 8, .	0.0	0
57	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
58	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
59	Variações metodológicas na contagem de células somáticas do leite de ovelhas da raça Santa Inês. <i>Ciencia Rural</i> , 2013, 43, 668-671.	0.5	2
60	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
61	CARACTERÍSTICAS FÍSICO-QUÍMICAS E CELULARIDADE DO LEITE DE OVELHAS SANTA INÊS EM DIFERENTES ESTÁGIOS DE LACTAÇÃO. <i>Ciencia Animal Brasileira</i> , 2013, 14, .	0.3	3
62	Correlação entre a atipia linfocitária e o perfil imunológico de vacas leiteiras infectadas pelo vírus da leucemia bovina. <i>Semina:Ciencias Agrarias</i> , 2013, 34, 293-300.	0.3	1
63	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
64	Somatic cell count in small ruminants: Friend or foe?. <i>Small Ruminant Research</i> , 2012, 107, 65-75.	1.2	69
65	Viabilidade celular, fagocitose e espriamento de fagócitos mononucleares, e liberação de peróxido de hidrogênio por leucócitos de glândulas mamárias bovinas sadias e infectadas. <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 850-854.	0.5	7
66	Parenteral administration of vitamins A, D and E on the oxidative metabolism and function of polymorphonuclear leukocytes in swine. <i>Pesquisa Veterinaria Brasileira</i> , 2012, 32, 727-734.	0.5	2
67	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
68	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
69	Liberação de peróxido de hidrogênio por fagócitos de glândulas mamárias bovinas hígidas e infectadas. <i>Ciencia Rural</i> , 2012, 42, 701-704.	0.5	1
70	Metabolismo oxidativo de leucócitos em animais infectados pelo vírus da Leucemia Bovina. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2012, 49, 93.	0.2	1
71	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
72	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

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73	Avaliação da apoptose de leucócitos polimorfonucleares CH138+ em leite bovino de alta e baixa contagem de células somáticas : dados preliminares. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2012, 64, 533-539.	0.4	10
74	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
75	Antioxidant status and biomarkers of oxidative stress in bovine leukemia virus-infected dairy cows. Veterinary Immunology and Immunopathology, 2011, 143, 162-166.	1.2	21
76	Avaliação funcional de monócitos de bovinos naturalmente infectados pelo vírus da leucose bovina. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2011, 63, 1131-1140.	0.4	7
77	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
78	Proliferação de linfócitos e apoptose de células CD5+ de bovinos infectados pelo vírus da leucose enzootica bovina. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2011, 63, 1124-1130.	0.4	6
79	Apoptosis and necrosis of polymorphonuclear leukocytes in goat milk with high and low somatic cell counts. Small Ruminant Research, 2011, 100, 67-71.	1.2	11
80	Perfil proteico e metabolismo oxidativo de cordeiros experimentalmente infectados pelo Haemonchus contortus e suplementados com selênio e vitamina E. Ciencia Rural, 2010, 40, 561-567.	0.5	7
81	Antimicrobial susceptibility of coagulase-negative staphylococci isolated from meat-producing ewes with mastitis. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2010, 62, 1499-1502.	0.4	3
82	Perfil celular e microbiológico do leite de ovelhas Santa Inês no período lactante e pós-desmame. Pesquisa Veterinaria Brasileira, 2008, 28, 417-422.	0.5	14
83	Influência da leucose enzootica bovina na função fagocítica de leucócitos circulantes em animais manifestando linfocitose persistente. Brazilian Journal of Veterinary Research and Animal Science, 2008, 45, 390.	0.2	5