

Mariza Pires De Melo

List of Publications by Citations

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50
papers

1,108
citations

18
h-index

32
g-index

50
ext. papers

1,274
ext. citations

3.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
50	Glutamine metabolism by lymphocytes, macrophages, and neutrophils: its importance in health and disease. <i>Journal of Nutritional Biochemistry</i> , 1999 , 10, 316-24	6.3	116
49	Evaluation of antioxidant capacity of 13 plant extracts by three different methods: cluster analyses applied for selection of the natural extracts with higher antioxidant capacity to replace synthetic antioxidant in lamb burgers. <i>Journal of Food Science and Technology</i> , 2016 , 53, 451-60	3.3	102
48	Assessment of the stability of sheep sausages with the addition of different concentrations of Origanum vulgare extract during storage. <i>Meat Science</i> , 2018 , 137, 244-257	6.4	89
47	The mechanism of indole acetic acid cytotoxicity. <i>Toxicology Letters</i> , 2004 , 148, 103-11	4.4	82
46	Evaluation of oxidative stability of lamb burger with Origanum vulgare extract. <i>Food Chemistry</i> , 2017 , 233, 101-109	8.5	66
45	Effects of oregano extract on oxidative, microbiological and sensory stability of sheep burgers packed in modified atmosphere. <i>Food Control</i> , 2016 , 63, 65-75	6.2	59
44	Glucose and glutamine utilization by rat lymphocytes, monocytes and neutrophils in culture: a comparative study. <i>Cell Biochemistry and Function</i> , 2004 , 22, 321-6	4.2	58
43	Pressurized liquid extraction of flavanols and alkaloids from cocoa bean shell using ethanol as solvent. <i>Food Research International</i> , 2018 , 114, 20-29	7	56
42	Horseradish peroxidase-catalyzed aerobic oxidation and peroxidation of indole-3-acetic acid. I. Optical spectra. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 296, 27-33	4.1	42
41	antioxidant activity of olive leaf extract (L.) and its protective effect on oxidative damage in human erythrocytes. <i>Heliyon</i> , 2018 , 4, e00805	3.6	41
40	Effects of copper and selenium supplementation on performance and lipid metabolism in confined brangus bulls. <i>Asian-Australasian Journal of Animal Sciences</i> , 2014 , 27, 488-94	2.4	35
39	Effect of indole acetic acid on oxygen metabolism in cultured rat neutrophil. <i>General Pharmacology</i> , 1998 , 31, 573-8		29
38	Influence of peanut skin extract on shelf-life of sheep patties. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2016 , 6, 586-596	1.4	28
37	Horseradish peroxidase-catalyzed aerobic oxidation of indole-3-acetic acid. II. Oxygen uptake and chemiexcitation. <i>Archives of Biochemistry and Biophysics</i> , 1992 , 296, 34-9	4.1	25
36	Dietary lycopene supplementation on Nile Tilapia (<i>Oreochromis niloticus</i>) juveniles submitted to confinement: effects on cortisol level and antioxidant response. <i>Aquaculture Research</i> , 2012 , 43, 789-798 ^{1.9}		22
35	Percentage of phagocytosis, production of O ₂ ·-, H ₂ O ₂ and NO, and antioxidant enzyme activities of rat neutrophils in culture. <i>Cell Biochemistry and Function</i> , 1998 , 16, 43-9	4.2	22
34	Peroxidase activity may play a role in the cytotoxic effect of indole acetic acid. <i>Photochemistry and Photobiology</i> , 1997 , 65, 338-41	3.6	21

33	Elaboration of functional snack foods using raw materials rich in carotenoids and dietary fiber: effects of extrusion processing. <i>CYTA - Journal of Food</i> , 2015 , 13, 69-79	2.3	19
32	Comparative effects of fish oil given by gavage and fish oil-enriched diet on leukocytes. <i>Life Sciences</i> , 2001 , 69, 1739-51	6.8	18
31	Effect of supplementation of two sources and two levels of copper on lipid metabolism in Nellore beef cattle. <i>Meat Science</i> , 2012 , 91, 466-71	6.4	17
30	Protective action of indole-3-acetic acid on induced hepatocarcinoma in mice. <i>Cell Biochemistry and Function</i> , 2009 , 27, 16-22	4.2	14
29	Effect of indole acetic acid administration on the neutrophil functions and oxidative stress from neutrophil, mesenteric lymph node and liver. <i>Life Sciences</i> , 2006 , 78, 564-70	6.8	13
28	Rosemary and Pitanga Aqueous Leaf Extracts On Beef Patties Stability under Cold Storage. <i>Brazilian Archives of Biology and Technology</i> , 2016 , 59,	1.8	13
27	Indole-3-acetic acid increases glutamine utilization by high peroxidase activity-presenting leukocytes. <i>Life Sciences</i> , 2004 , 75, 1713-25	6.8	12
26	Antioxidant and anti-inflammatory properties of orally disintegrating films based on starch and hydroxypropyl methylcellulose incorporated with <i>Cordia verbenacea</i> (erva baleeira) extract. <i>International Journal of Biological Macromolecules</i> , 2020 , 159, 714-724	7.9	10
25	Fish oil given by gavage increases lymphocyte proliferation and production of hydrogen peroxide by rat macrophages. <i>General Pharmacology</i> , 1998 , 31, 37-41		10
24	Effect of indole-3-acetic acid administration by gavage and by subcutaneous injection on rat leukocytes. <i>Cell Biochemistry and Function</i> , 2007 , 25, 723-30	4.2	10
23	Influence of indole acetic acid on antioxidant levels and enzyme activities of glucose metabolism in rat liver. <i>Cell Biochemistry and Function</i> , 2007 , 25, 195-201	4.2	9
22	Effects of adrenaline on glucose and glutamine metabolism and superoxide production by rat neutrophils. <i>Clinical Science</i> , 1999 , 96, 549	6.5	8
21	Natural Antioxidants and Food Applications: Healthy Perspectives 2018 , 31-64		7
20	Copper and selenium supplementation in the diet of Brangus steers on the nutritional characteristics of meat. <i>Revista Brasileira De Zootecnia</i> , 2013 , 42, 70-75	1.2	6
19	Microbicidal action of indole-3-acetic acid combined with horseradish peroxidase on <i>Prototheca zopfii</i> from bovine mastitis. <i>Mycopathologia</i> , 2010 , 169, 99-105	2.9	6
18	Effect of <i>Cysticercus cellulosae</i> on neutrophil function and death. <i>Veterinary Parasitology</i> , 2005 , 127, 121-9	2.8	6
17	Effect of Exposure to Pulsed Magnetic Field on Microbiological Quality, Color and Oxidative Stability of Fresh Ground Beef. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12405	2.4	5
16	Evaluation of the antimicrobial activity and cytotoxic effect of hydroxyapatite containing Brazilian propolis. <i>Biomedical Materials (Bristol)</i> , 2018 , 13, 025010	3.5	4

15	Noninvasive method to assess the electrical brain activity from rats. <i>Ciencia Rural</i> , 2013 , 43, 1838-1842	1.3	4
14	Perfil de ácidos graxos e estabilidade oxidativa do leite de vacas holandesas alimentadas com soja extrusada e selênio orgânico. <i>Pesquisa Agropecuaria Brasileira</i> , 2007 , 42, 1793-1799	1.8	4
13	Atividade da catalase e da lactato desidrogenase em tilpias submetidas a estresse de confinamento: efeito da cor do ambiente. <i>Ciencia Rural</i> , 2012 , 42, 894-899	1.3	4
12	Metabolite of tryptophan promoting changes in EEG signal and the oxidative status of the brain. <i>Cell Biochemistry and Function</i> , 2014 , 32, 496-501	4.2	3
11	Effect of <i>Prototheca zopfii</i> on neutrophil function from bovine milk. <i>Mycopathologia</i> , 2006 , 162, 421-6	2.9	3
10	Chemexcitation in the peroxidative metabolism of N-methylcarbazole: mechanistic implications. <i>Photochemistry and Photobiology</i> , 1994 , 59, 677-82	3.6	3
9	Antioxidant actions of olive leaf extract (<i>Olea europaea</i> L.) on reactive species scavengers. <i>Journal of Analytical & Pharmaceutical Research</i> , 2020 , 9, 68-71	0.4	2
8	Induction of oxidative stress in <i>Prototheca zopfii</i> by indole-3-acetic acid/HRP or 2,4-pentanedione/HRP systems and their oxidation products. <i>Mycopathologia</i> , 2015 , 179, 73-9	2.9	1
7	Oil blends with sesame oil in fish diets: oxidative stress status and fatty acid profiles of lambari. <i>Revista Brasileira De Zootecnia</i> , 2019 , 48,	1.2	1
6	Long-Term Operation of an ASBBR Used to Treat Dairy Effluent: Effect of the Recirculation Rate on System Monitoring, Kinetics, and Key Microorganisms. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	1
5	CHEMIEXCITATION IN THE PEROXIDATIVE METABOLISM OF N- METHYLCARBAZOLE: MECHANISTIC IMPLICATIONS. <i>Photochemistry and Photobiology</i> , 1994 , 59, 677-682	3.6	1
4	Evaluation of liquid and powdered forms of polyclonal antibody preparation against <i>Streptococcus bovis</i> and <i>Fusobacterium necrophorum</i> in cattle adapted or not adapted to highly fermentable carbohydrate diets. <i>Animal Bioscience</i> , 2021 , 34, 74-84	0	1
3	Changes on meat fatty acid profile, cholesterol and hepatic metabolism associated with antioxidants and canola oil supplementation for Nellore cattle. <i>Livestock Science</i> , 2022 , 257, 104850	1.7	0
2	Copper and zinc hydroxychloride cosupplementation improve growth performance and carcass and reduce diarrhea frequency in grower-finisher pigs. <i>Translational Animal Science</i> , 2021 , 5, txab202	1.4	
1	Physiological stress and meat quality of pacu (<i>Piaractus mesopotamicus</i>) submitted to CO2 narcosis, hypothermia and electrical stunning. <i>Aquaculture Research</i> , 2021 , 52, 5034-5043	1.9	