

Alceu Afonso Jordao Junior

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

1,617
citations

331642

21
h-index

377849

34
g-index

104
all docs

104
docs citations

104
times ranked

2754
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and inflammation in obesity after taurine supplementation: a double-blind, placebo-controlled study. <i>European Journal of Nutrition</i> , 2014, 53, 823-830.	3.9	120
2	Effects of creatine supplementation on oxidative stress and inflammatory markers after repeated-sprint exercise in humans. <i>Nutrition</i> , 2013, 29, 1127-1132.	2.4	84
3	Metabolic parameters of postmenopausal women after quinoa or corn flakes intake – a prospective and double-blind study. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 380-385.	2.8	77
4	Effects of creatine supplementation on homocysteine levels and lipid peroxidation in rats. <i>British Journal of Nutrition</i> , 2009, 102, 110-116.	2.3	61
5	Creatine Supplementation Prevents the Accumulation of Fat in the Livers of Rats Fed a High-Fat Diet. <i>Journal of Nutrition</i> , 2011, 141, 1799-1804.	2.9	56
6	Effect of an acute dose of ethanol on lipid peroxidation in rats: action of vitamin E. <i>Food and Chemical Toxicology</i> , 2004, 42, 459-464.	3.6	50
7	Antioxidant vitamin supplementation prevents oxidative stress but does not enhance performance in young football athletes. <i>Nutrition</i> , 2019, 63-64, 29-35.	2.4	46
8	Lipid peroxidation and vitamin E in serum and follicular fluid of infertile women with peritoneal endometriosis submitted to controlled ovarian hyperstimulation: a pilot study. <i>Fertility and Sterility</i> , 2008, 90, 2080-2085.	1.0	44
9	Protein Oxidative Stress and Dyslipidemia in Dialysis Patients. <i>Therapeutic Apheresis and Dialysis</i> , 2012, 16, 68-74.	0.9	41
10	Creatine supplementation reduces oxidative stress biomarkers after acute exercise in rats. <i>Amino Acids</i> , 2012, 43, 709-715.	2.7	40
11	Resistance exercise attenuates skeletal muscle oxidative stress, systemic pro-inflammatory state, and cachexia in Walker-256 tumor-bearing rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 916-923.	1.9	39
12	A high-fat diet as a model of fatty liver disease in rats. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 25-30.	0.7	35
13	Choline and Fructooligosaccharide: Non-alcoholic Fatty Liver Disease, Cardiac Fat Deposition, and Oxidative Stress Markers. <i>Nutrition and Metabolic Insights</i> , 2015, 8, NMI.S24385.	1.9	35
14	Creatine supplementation prevents fatty liver in rats fed choline-deficient diet: a burden of one-carbon and fatty acid metabolism. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 391-397.	4.2	30
15	Serum Vitamins in Adult Patients With Short Bowel Syndrome Receiving Intermittent Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 2011, 35, 493-498.	2.6	28
16	Influence of Roux-Y Gastric Bypass Surgery on Vitamin C, Myeloperoxidase, and Oral Clinical Manifestations. <i>Nutrition in Clinical Practice</i> , 2012, 27, 114-121.	2.4	27
17	Creatine supplementation prevents hyperhomocysteinemia, oxidative stress and cancer-induced cachexia progression in Walker-256 tumor-bearing rats. <i>Amino Acids</i> , 2016, 48, 2015-2024.	2.7	26
18	Creatine supplementation reduces increased homocysteine concentration induced by acute exercise in rats. <i>European Journal of Applied Physiology</i> , 2011, 111, 2663-2670.	2.5	25

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19	Influence of HIV infection and the use of antiretroviral therapy on selenium and selenomethionine concentrations and antioxidant protection. <i>Nutrition</i> , 2016, 32, 1238-1242.	2.4	23
20	The Association of Lipodystrophy and Oxidative Stress Biomarkers in HIV-Infected Men. <i>Current HIV Research</i> , 2010, 8, 364-369.	0.5	22
21	Oxidative stress and acute-phase response in patients with pressure sores. <i>Nutrition</i> , 2005, 21, 901-907.	2.4	21
22	Intestinal permeability and oxidative stress in patients with alcoholic pellagra. <i>Clinical Nutrition</i> , 2006, 25, 977-983.	5.0	21
23	Mechanisms of action and effects of the administration of Coenzyme Q10 on metabolic syndrome. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2018, 13, 26-32.	1.7	20
24	Exercise training and taurine supplementation reduce oxidative stress and prevent endothelium dysfunction in rats fed a highly palatable diet. <i>Life Sciences</i> , 2015, 139, 91-96.	4.3	19
25	Protective effect of treatment with thiamine or benfotiamine on liver oxidative damage in rat model of acute ethanol intoxication. <i>Life Sciences</i> , 2016, 162, 21-24.	4.3	18
26	Protection of doxorubicin-induced DNA damage by sodium selenite and selenomethionine in Wistar rats. <i>Nutrition Research</i> , 2007, 27, 343-348.	2.9	17
27	Bioelectrical impedance analysis and anthropometry for the determination of body composition in rats: effects of high-fat and high-sucrose diets. <i>Revista De Nutricao</i> , 2012, 25, 331-339.	0.4	17
28	Effect of Acute Thermal Injury in Status of Serum Vitamins, Inflammatory Markers, and Oxidative Stress Markers. <i>Journal of Burn Care and Research</i> , 2013, 34, e87-e91.	0.4	17
29	Fluorescence spectroscopy to diagnose hepatic steatosis in a rat model of fatty liver. <i>Liver International</i> , 2009, 29, 331-336.	3.9	16
30	Fructose and NAFLD: metabolic implications and models of induction in rats. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 45-50.	0.7	16
31	Effects of vitamin C supplementation on acute phase Chagas disease in experimentally infected mice with <i>Trypanosoma cruzi</i> QM1 strain. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2012, 54, 319-323.	1.1	16
32	Omega-3 Fatty Acid Supplementation is Associated With Oxidative Stress and Dyslipidemia, but Does not Contribute to Better Lipid and Oxidative Status on Hemodialysis Patients. , 2017, 27, 333-339.		16
33	High Dose of A Conjugated Linoleic Acid Mixture Increases Insulin Resistance in Rats Fed Either A Low Fat or A High Fat Diet. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2018, 126, 379-386.	1.2	16
34	Vitamin A intake of Brazilian mothers and retinol concentrations in maternal blood, human milk, and the umbilical cord. <i>Journal of International Medical Research</i> , 2018, 46, 1555-1569.	1.0	16
35	Anti-oxidative systems in rat skeletal muscle after acute physical exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2007, 32, 190-196.	1.9	15
36	Validation of a Manual Headspace Gas Chromatography Method for Determining Volatile Compounds in Biological Fluids. <i>Laboratory Medicine</i> , 2008, 39, 42-45.	1.2	15

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37	Aerobic Training Activates Interleukin 10 for Colon Anticarcinogenic Effects. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1806-1813.	0.4	15
38	Performance of functionality measures and phase angle in women exposed to chemotherapy for early breast cancer. <i>Clinical Nutrition ESPEN</i> , 2021, 42, 105-116.	1.2	15
39	G1793A polymorphisms in the methyl- enetetrahydrofolate gene: Effect of folic acid on homocysteine levels. <i>Molecular Nutrition and Food Research</i> , 2006, 50, 769-774.	3.3	14
40	Short-Term Carbohydrate-Restricted Diet for Weight Loss in Severely Obese Women. <i>Obesity Surgery</i> , 2011, 21, 1194-1202.	2.1	14
41	Liver, plasma and erythrocyte levels of thiamine and its phosphate esters in rats with acute ethanol intoxication: A comparison of thiamine and benfotiamine administration. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 799-802.	4.0	14
42	Oxidative stress and polycystic ovary syndrome: an evaluation during ovarian stimulation for intracytoplasmic sperm injection. <i>Reproduction</i> , 2017, 153, 97-105.	2.6	14
43	Relationship Between Adiposity Indices, Lipodystrophy, and Sarcopenia in HIV-Positive Individuals With and Without Lipodystrophy. <i>Journal of Clinical Densitometry</i> , 2017, 20, 73-81.	1.2	14
44	Short-term creatine supplementation does not reduce increased homocysteine concentration induced by acute exercise in humans. <i>European Journal of Nutrition</i> , 2014, 53, 1355-1361.	3.9	13
45	Effect of Multicomponent Training on Blood Pressure, Nitric Oxide, Redox Status, and Physical Fitness in Older Adult Women: Influence of Endothelial Nitric Oxide Synthase (NOS3) Haplotypes. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	13
46	Lower Carnitine Plasma Values from Malnutrition Cancer Patients. <i>Journal of Gastrointestinal Cancer</i> , 2013, 44, 362-365.	1.3	12
47	Application of body mass index adjusted for fat mass (BMIfat) obtained by bioelectrical impedance in adults. <i>Nutricion Hospitalaria</i> , 2014, 30, 417-24.	0.3	12
48	Absorption, by Humans, of β -Carotene from Fortified Soybean Oil Added to Rice: Effect of Heat Treatment. <i>Journal of the American College of Nutrition</i> , 1998, 17, 361-365.	1.8	11
49	Apoptosis induction by (+)- α -tocopheryl succinate in the absence or presence of all-trans retinoic acid and arsenic trioxide in NB4, NB4-R2 and primary APL cells. <i>Leukemia Research</i> , 2009, 33, 958-963.	0.8	11
50	EFFECTS OF VITAMIN C SUPPLEMENTATION ON THE CHRONIC PHASE OF CHAGAS DISEASE. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2015, 57, 245-250.	1.1	11
51	Homocysteine, folate, hs-C-reactive protein, tumor necrosis factor alpha and inflammatory proteins: are these biomarkers related to nutritional status and cardiovascular risk in childhood-onset systemic lupus erythematosus?. <i>Pediatric Rheumatology</i> , 2018, 16, 4.	2.1	11
52	Colon preneoplasia after carcinogen exposure is enhanced and colonic serotonergic system is suppressed by food deprivation. <i>Toxicology</i> , 2013, 312, 123-131.	4.2	10
53	Oxidative stress and fatty acid profile in Wistar rats subjected to acute food restriction and refeeding with high-fat diets. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 178-185.	0.7	10
54	Cafeteria diet during lactation and/or post-lactation altered lipid profile/lipid peroxidation and increased anxiety-like behavior in male rat offspring. <i>Nutritional Neuroscience</i> , 2020, 23, 526-536.	3.1	10

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55	Effect of heat treatment on the biological value of β -carotene added to soybean cooking oil in rats. <i>International Journal of Food Sciences and Nutrition</i> , 1998, 49, 205-210.	2.8	9
56	Effects of a Low-Protein Diet on Plasma Amino Acid and Homocysteine Levels and Oxidative Status in Rats. <i>Annals of Nutrition and Metabolism</i> , 2009, 54, 202-207.	1.9	9
57	Omega-3 improves glucose tolerance but increases lipid peroxidation and DNA damage in hepatocytes of fructose-fed rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 233-240.	1.9	9
58	Association of Body Fat with Inflammation in Peritoneal Dialysis. <i>Inflammation</i> , 2013, 36, 689-695.	3.8	9
59	Whey protein supplementation increases methionine intake but not homocysteine plasma concentration in rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 46-50.	1.9	9
60	Micronutrient deficiencies in normal and overweight infants in a low socio-economic population in north-east Brazil. <i>Paediatrics and International Child Health</i> , 2016, 36, 198-202.	1.0	9
61	Coffee, but Neither Decaffeinated Coffee nor Caffeine, Elicits Chemoprotection Against a Direct Carcinogen in the Colon of Wistar Rats. <i>Nutrition and Cancer</i> , 2019, 71, 615-623.	2.0	9
62	Systemic oxidative stress as a possible mechanism underlying the pathogenesis of mild endometriosis-related infertility. <i>Reproductive BioMedicine Online</i> , 2019, 39, 785-794.	2.4	8
63	Progression of Lipid Peroxidation Measured as Thiobarbituric Acid Reactive Substances, Damage to DNA and Histopathological Changes in the Liver of Rats Subjected to a Methionine-Choline Deficient Diet. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 105, 150-155.	2.5	7
64	Association between hepatic cholesterol and oleic acid in the liver of rats treated with partially hydrogenated vegetable oil. <i>Revista De Nutricao</i> , 2012, 25, 45-56.	0.4	7
65	Assessment of the nutritional and metabolic profile of women with breast cancer and its association with metabolic syndrome. <i>Journal of Nutrition & Intermediary Metabolism</i> , 2018, 12, 14-19.	1.7	7
66	Plasma amino acids profile in first-episode psychosis, unaffected siblings and community-based controls. <i>Scientific Reports</i> , 2020, 10, 21423.	3.3	7
67	BMI, BMIfat, BAI or BAIFels – Which is the best adiposity index for the detection of excess weight?. <i>Nutricion Hospitalaria</i> , 2017, 34, 389.	0.3	7
68	Avaliação e monitoramento do estado nutricional de pacientes hospitalizados: uma proposta apoiada na opinião da comunidade científica. <i>Revista De Nutricao</i> , 2010, 23, 513-522.	0.4	6
69	<i>Mikania glomerata</i> Sprengel (Asteraceae) Influences the Mutagenicity Induced by Doxorubicin without Altering Liver Lipid Peroxidation or Antioxidant Levels. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1102-1109.	2.3	6
70	Relationship between body composition and level of physical activity among university students. <i>Revista Chilena De Nutrición</i> , 2014, 41, 46-53.	0.3	6
71	Creatine supplementation decreases plasma lipid peroxidation markers and enhances anaerobic performance in rats. <i>Redox Report</i> , 2016, 21, 31-36.	4.5	6
72	Obesity-Induced Dysbiosis Exacerbates IFN- β Production and Pulmonary Inflammation in the <i>Mycobacterium tuberculosis</i> Infection. <i>Cells</i> , 2021, 10, 1732.	4.1	6

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73	Blenderized feeding formulas with nutritious and inexpensive foods. <i>Revista De Nutricao</i> , 2017, 30, 525-534.	0.4	5
74	Acute exercise alters homocysteine plasma concentration in an intensity-dependent manner due increased methyl flux in liver of rats. <i>Life Sciences</i> , 2018, 196, 63-68.	4.3	5
75	Aqueous <i>Pyrostegia venusta</i> (Ker Gawl.) Miers extract attenuates allergen-induced asthma in a mouse model via an antioxidant mechanism. <i>Journal of Asthma</i> , 2021, 58, 808-818.	1.7	5
76	Metabolic syndrome and unfavorable outcomes on body composition and in visceral adiposities indexes among early breast cancer women post-chemotherapy. <i>Clinical Nutrition ESPEN</i> , 2021, 44, 306-315.	1.2	5
77	Fator de impacto e p ³ s-gradua ^o stricto sensu em alimentos, nutri ^o e ci ^{ncia} e tecnologia de alimentos. <i>Revista De Nutricao</i> , 2006, 19, 793-802.	0.4	4
78	Light and Moderate Doses of Ethanol in Chemical Carcinogenesis of the Colon in Rats. <i>Nutrition and Cancer</i> , 2011, 63, 1029-1035.	2.0	4
79	High-Fat and Fat-Enriched Diets Impair the Benefits of Moderate Physical Training in the Aorta and the Heart in Rats. <i>Frontiers in Nutrition</i> , 2017, 4, 21.	3.7	4
80	Study of Protein Oxidative Stress, Antioxidant Vitamins and Inflammation in Patients Undergoing either Hemodialysis or Peritoneal Dialysis. <i>International Journal for Vitamin and Nutrition Research</i> , 2014, 84, 261-268.	1.5	4
81	Which equation should be used to measure energy expenditure in HIV-infected patients?. <i>Revista De Nutricao</i> , 2013, 26, 225-232.	0.4	4
82	Effect of methionine load on homocysteine levels, lipid peroxidation and DNA damage in rats receiving ethanol. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2009, 45, 709-714.	1.2	3
83	Efeitos do ³ ido asc ^{rbico} nos biomarcadores de estresse oxidativo em nadadores de elite. <i>Revista Brasileira De Medicina Do Esporte</i> , 2013, 19, 394-398.	0.2	3
84	Taurine supplementation does not decrease homocysteine levels and liver injury induced by a choline-deficient diet. <i>Life Sciences</i> , 2014, 105, 43-47.	4.3	3
85	Comparison of new adiposity indices for the prediction of body fat in hospitalized patients. <i>Nutrition</i> , 2017, 42, 99-105.	2.4	3
86	Methodological aspects of the micronutrient assessment in the Brazilian National Survey on Child Nutrition (ENANI-2019): a population-based household survey. <i>Cadernos De Saude Publica</i> , 2021, 37, e00301120.	1.0	3
87	Vitamin A deficiency and association between serum retinol and IGF-1 concentrations in Brazilian children with down syndrome. <i>Jornal De Pediatria</i> , 2021, 98, 76-76.	2.0	3
88	Inflammatory and oxidative stress after surgery for the small area corrections of burn sequelae. <i>Acta Cirurgica Brasileira</i> , 2011, 26, 320-324.	0.7	3
89	Failure of carnitine in improving hepatic nitrogen content in alcoholic and non-alcoholic malnourished rats. <i>Clinics</i> , 2010, 65, 877-883.	1.5	2
90	Estresse oxidativo e micronutrientes na hansen ^{ase} . <i>Revista De Nutricao</i> , 2015, 28, 349-357.	0.4	2

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91	The Impact of Controlled Ovarian Stimulation on Serum Oxidative Stress Markers in Infertile Women with Endometriosis Undergoing ICSI. Antioxidants, 2022, 11, 1161.	5.1	2
92	Vitamin E and tannic acid improve DNA damage in rats submitted chronic ethanol administration. British Food Journal, 2010, 112, 617-623.	2.9	1
93	Estresse oxidativo sistêmico e folicular em mulheres inférteis com endometriose submetidas à injeção intracitoplasmática de espermatozoide. Reproducao E Climaterio, 2014, 29, 112-122.	0.1	1
94	Doenças crônicas não transmissíveis em mulheres com câncer de mama. Revista Recien - Revista Científica De Enfermagem, 2021, 11, 100-109.	0.1	1
95	Hepatic ballooning degeneration: a new feature of the refeeding syndrome in rats. Clinical and Experimental Hepatology, 2020, 6, 327-334.	1.3	1
96	Oral glutamine dipeptide or oral glutamine free amino acid reduces burned injury progression in rats. Brazilian Journal of Biology, 2021, 84, e250936.	0.9	1
97	Influence of the ingestion of glutamine or glutamic acid in hepatic steatosis, growth and nitrogen balance after extensive enterectomy in rats. Nutrition Research, 2001, 21, 1383-1391.	2.9	0
98	LIPID PEROXIDATION IN VITAMIN E- DEFICIENT RATS SUBMITTED TO SUBTOTAL NEPHRECTOMY. Renal Failure, 2002, 24, 407-419.	2.1	0
99	Lipid Peroxidation and Urinary Excretion of Vitamin E in Rats Submitted to an Immunological Inflammatory Process. Drug and Chemical Toxicology, 2003, 26, 285-293.	2.3	0
100	Role of Vitamin B6 Deficiency in the Nitrogen Balance of Streptozotocin-Diabetic Rats. Toxicology Mechanisms and Methods, 2007, 17, 275-279.	2.7	0
101	ASPECTOS NUTRICIONALES EN LA ENFERMEDAD DE GRAVES: COMUNICACIÓN DE UN CASO. Revista Chilena De Nutricion, 2011, 38, 70-75.	0.3	0
102	EFFECTS OF DIFFERENT CALORIE RESTRICTION DIETS IN OBESE WOMEN. FASEB Journal, 2013, 27, 851.6.	0.5	0
103	Analysis of the profile of cardiovascular risk in Brazilian schoolchildren: metabolic and behavioral indicators. Archives of Endocrinology and Metabolism, 2020, 64, 679-686.	0.6	0
104	Vitamin E deficiency and associated factors among Brazilian school children. Medicina, 2020, 53, 424-429.	0.1	0