

Renata Gorjão

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7015539/publications.pdf>

Version: 2024-02-01

87
papers

2,678
citations

218381

26
h-index

223531

46
g-index

88
all docs

88
docs citations

88
times ranked

4524
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms underlying skeletal muscle insulin resistance induced by fatty acids: importance of the mitochondrial function. <i>Lipids in Health and Disease</i> , 2012, 11, 30.	1.2	213
2	Comparative effects of DHA and EPA on cell function. , 2009, 122, 56-64.		162
3	Comparative toxicity of oleic and linoleic acid on human lymphocytes. <i>Life Sciences</i> , 2006, 78, 1448-1456.	2.0	118
4	Glutamine, gene expression, and cell function. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 344.	3.0	112
5	Oxidative state in platelets and erythrocytes in aging and Alzheimer's disease. <i>Neurobiology of Aging</i> , 2005, 26, 857-864.	1.5	110
6	Molecular Targets Related to Inflammation and Insulin Resistance and Potential Interventions. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-16.	3.0	86
7	UPR induces transient burst of apoptosis in islets of early lactating rats through reduced AKT phosphorylation via ATF4/CHOP stimulation of TRB3 expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 300, R92-R100.	0.9	82
8	Effect of docosahexaenoic acid-rich fish oil supplementation on human leukocyte function. <i>Clinical Nutrition</i> , 2006, 25, 923-938.	2.3	74
9	Benefits of Regular Exercise on Inflammatory and Cardiovascular Risk Markers in Normal Weight, Overweight and Obese Adults. <i>PLoS ONE</i> , 2015, 10, e0140596.	1.1	69
10	Comparative effects of eicosapentaenoic acid and docosahexaenoic acid on proliferation, cytokine production, and pleiotropic gene expression in Jurkat cells. <i>Journal of Nutritional Biochemistry</i> , 2004, 15, 657-665.	1.9	68
11	Biomarkers of Oxidative Stress and Antioxidant Status in Children Born Small for Gestational Age: Evidence of Lipid Peroxidation. <i>Pediatric Research</i> , 2007, 62, 204-208.	1.1	67
12	Mechanisms by which fatty acids regulate leucocyte function. <i>Clinical Science</i> , 2007, 113, 65-77.	1.8	64
13	Attenuation of obesity and insulin resistance by fish oil supplementation is associated with improved skeletal muscle mitochondrial function in mice fed a high-fat diet. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 76-88.	1.9	61
14	Effects of EPA and DHA on proliferation, cytokine production, and gene expression in Raji cells. <i>Lipids</i> , 2004, 39, 857-864.	0.7	58
15	Toxicity of a Soybean Oil Emulsion on Human Lymphocytes and Neutrophils. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006, 30, 115-123.	1.3	58
16	Sitagliptin inhibit human lymphocytes proliferation and Th1/Th17 differentiation in vitro. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 100, 17-24.	1.9	56
17	New insights on the regulation of cancer cachexia by N-3 polyunsaturated fatty acids. , 2019, 196, 117-134.		55
18	The Critical Role of Cell Metabolism for Essential Neutrophil Functions. <i>Cellular Physiology and Biochemistry</i> , 2020, 54, 629-647.	1.1	54

#	ARTICLE	IF	CITATIONS
19	Mechanisms involved in Jurkat cell death induced by oleic and linoleic acids. <i>Clinical Nutrition</i> , 2006, 25, 1004-1014.	2.3	51
20	Effect of arachidonic acid on proliferation, cytokines production and pleiotropic genes expression in Jurkat cells – A comparison with oleic acid. <i>Life Sciences</i> , 2003, 73, 2939-2951.	2.0	47
21	Omega-3 fatty acids protect from diet-induced obesity, glucose intolerance, and adipose tissue inflammation through PPAR α -dependent and PPAR β -independent actions. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 957-967.	1.5	46
22	Regulation of human lymphocyte proliferation by fatty acids. <i>Cell Biochemistry and Function</i> , 2007, 25, 305-315.	1.4	44
23	Amino acids and diabetes: implications for endocrine, metabolic and immune function. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 315.	3.0	41
24	Influence of the Bilayer Composition on the Binding and Membrane Disrupting Effect of Polybia-MP1, an Antimicrobial Mastoparan Peptide with Leukemic T-Lymphocyte Cell Selectivity. <i>Biochemistry</i> , 2012, 51, 4898-4908.	1.2	39
25	Fish oil supplementation for two generations increases insulin sensitivity in rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1136-1145.	1.9	39
26	Role for YakA, cAMP, and Protein Kinase A in Regulation of Stress Responses of <i>Dictyostelium discoideum</i> Cells. <i>Molecular Biology of the Cell</i> , 2002, 13, 2266-2275.	0.9	36
27	Daily Intake of Fermented Milk Containing <i>Lactobacillus casei</i> Shirota (Lcs) Modulates Systemic and Upper Airways Immune/Inflammatory Responses in Marathon Runners. <i>Nutrients</i> , 2019, 11, 1678.	1.7	34
28	Regulation of Gene Expression by Exercise-Related Micrnas. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 2381-2397.	1.1	31
29	Host cell glutamine metabolism as a potential antiviral target. <i>Clinical Science</i> , 2021, 135, 305-325.	1.8	31
30	Differential effects of palmitoleic acid on human lymphocyte proliferation and function. <i>Lipids in Health and Disease</i> , 2016, 15, 217.	1.2	30
31	Regulation of interleukin-2 signaling by fatty acids in human lymphocytes. <i>Journal of Lipid Research</i> , 2007, 48, 2009-2019.	2.0	28
32	Regulation of Gene Expression in Mouse Trophoblast Cells by Interferon-gamma. <i>Placenta</i> , 2007, 28, 1059-1072.	0.7	27
33	Effect of Olive Oil-Based Emulsion on Human Lymphocyte and Neutrophil Death. <i>Journal of Parenteral and Enteral Nutrition</i> , 2008, 32, 81-87.	1.3	26
34	Effects of exercise on leukocyte death: prevention by hydrolyzed whey protein enriched with glutamine dipeptide. <i>European Journal of Applied Physiology</i> , 2008, 103, 289-294.	1.2	24
35	UPR-mediated TRIB3 expression correlates with reduced AKT phosphorylation and inability of interleukin 6 to overcome palmitate-induced apoptosis in RINm5F cells. <i>Journal of Endocrinology</i> , 2010, 206, 183-193.	1.2	24
36	Effects of DHA-rich fish oil supplementation on the lipid profile, markers of muscle damage, and neutrophil function in wheelchair basketball athletes before and after acute exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 596-604.	0.9	24

#	ARTICLE	IF	CITATIONS
37	Gene expression reprogramming protects macrophage from septic-induced cell death. <i>Molecular Immunology</i> , 2010, 47, 2587-2593.	1.0	21
38	Marathon Race Affects Neutrophil Surface Molecules: Role of Inflammatory Mediators. <i>PLoS ONE</i> , 2016, 11, e0166687.	1.1	21
39	COVID-19 in Brazil: Historical cases, disease milestones, and estimated outbreak peak. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101733.	1.5	20
40	Epidemiology of COVID-19 in Brazil: using a mathematical model to estimate the outbreak peak and temporal evolution. <i>Emerging Microbes and Infections</i> , 2020, 9, 1453-1456.	3.0	20
41	Neutrophil Death Induced by a Triathlon Competition in Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1447-1454.	0.2	19
42	Effect of a single session of electrical stimulation on activity and expression of citrate synthase and antioxidant enzymes in rat soleus muscle. <i>European Journal of Applied Physiology</i> , 2007, 102, 119-126.	1.2	18
43	Genomics, epigenomics and pharmacogenomics of familial hypercholesterolemia (FHBGEP): A study protocol. <i>Research in Social and Administrative Pharmacy</i> , 2021, 17, 1347-1355.	1.5	18
44	Genes regulated by arachidonic and oleic acids in Raji cells. <i>Lipids</i> , 2003, 38, 1157-1165.	0.7	17
45	Induction of Lymphocyte Death by Short- and Long-Duration Triathlon Competitions. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1896-1901.	0.2	17
46	Apolipoprotein E genotype is related to nitric oxide production in platelets. <i>Cell Biochemistry and Function</i> , 2008, 26, 852-858.	1.4	16
47	L-Glutamine Supplementation Enhances Strength and Power of Knee Muscles and Improves Glycemia Control and Plasma Redox Balance in Exercising Elderly Women. <i>Nutrients</i> , 2021, 13, 1025.	1.7	16
48	Endotoxin tolerance: Selective alterations in gene expression and protection against lymphocyte death. <i>Immunobiology</i> , 2010, 215, 435-442.	0.8	15
49	Inflammatory markers in saliva as indicators of gingival inflammation in cerebral palsy children with and without cervical motor control. <i>International Journal of Paediatric Dentistry</i> , 2017, 27, 364-371.	1.0	15
50	Medium-chain dicarboxylic acylcarnitines as markers of $n-3$ PUFA-induced peroxisomal oxidation of fatty acids. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1573-1583.	1.5	14
51	Dance Training Improves Cytokine Secretion and Viability of Neutrophils in Diabetic Patients. <i>Mediators of Inflammation</i> , 2019, 2019, 1-8.	1.4	14
52	Glutamine depletion disrupts mitochondrial integrity and impairs C2C12 myoblast proliferation, differentiation, and the heat-shock response. <i>Nutrition Research</i> , 2020, 84, 42-52.	1.3	14
53	Moderate physical exercise improves lymphocyte function in melanoma-bearing mice on a high-fat diet. <i>Nutrition and Metabolism</i> , 2019, 16, 63.	1.3	13
54	Chronic Inflammation and Neutrophil Activation as Possible Causes of Joint Diseases in Ballet Dancers. <i>Mediators of Inflammation</i> , 2014, 2014, 1-7.	1.4	12

#	ARTICLE	IF	CITATIONS
55	Inflammatory markers in the saliva of cerebral palsy individuals with gingivitis after periodontal treatment. <i>Brazilian Oral Research</i> , 2019, 33, e033.	0.6	12
56	Effect of Regular Circus Physical Exercises on Lymphocytes in Overweight Children. <i>PLoS ONE</i> , 2015, 10, e0120262.	1.1	12
57	Neutrophil Migration and Adhesion Molecule Expression after Acute High-Intensity Street Dance Exercise. <i>Journal of Immunology Research</i> , 2018, 2018, 1-6.	0.9	11
58	The Effect of a Competitive Futsal Match on T Lymphocyte Surface Receptor Signaling and Functions. <i>Frontiers in Physiology</i> , 2018, 9, 202.	1.3	11
59	Relationship between children physical activity, inflammatory mediators and lymphocyte activation: possible impact of social isolation (COVID-19). <i>Sport Sciences for Health</i> , 2021, 17, 431-439.	0.4	11
60	M1 and M3 muscarinic receptors may play a role in the neurotoxicity of anhydroecgonine methyl ester, a cocaine pyrolysis product. <i>Scientific Reports</i> , 2015, 5, 17555.	1.6	10
61	4-Aminoquinoline compounds from the Spanish flu to COVID-19. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111138.	2.5	10
62	Overweight/obese children are associated with lower caries experience than normal-weight children/adolescents. <i>International Journal of Paediatric Dentistry</i> , 2019, 29, 756-764.	1.0	9
63	Profiling plasma-extracellular vesicle proteins and microRNAs in diabetes onset in middle-aged male participants in the ELSA-Brazil study. <i>Physiological Reports</i> , 2021, 9, e14731.	0.7	9
64	Early Signs of Inflammation With Mild Oxidative Stress in Mixed Martial Arts Athletes After Simulated Combat. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 180-186.	1.0	8
65	Physical exercise increases global and gene-specific (interleukin-17 and interferon- β) DNA methylation in lymphocytes from aged women. <i>Experimental Physiology</i> , 2021, 106, 1878-1885.	0.9	8
66	Molecular Mechanisms Involved in Inflammation and Insulin Resistance in Chronic Diseases and Possible Interventions. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-2.	3.0	7
67	Caries Experience and Salivary Parameters among Overweight Children and Adolescents. <i>Dentistry Journal</i> , 2013, 1, 31-40.	0.9	7
68	Impaired brown adipose tissue is differentially modulated in insulin-resistant obese wistar and type 2 diabetic Goto-Kakizaki rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112019.	2.5	7
69	Atopy in Elite Endurance Athletes. <i>Clinical Journal of Sport Medicine</i> , 2018, 28, 268-271.	0.9	6
70	Immune and Inflammatory Response in Atopic Elite Endurance Athletes. <i>International Journal of Sports Medicine</i> , 2018, 39, 720-725.	0.8	6
71	Correlation of salivary immunoglobulin A with Body Mass Index and fat percentage in overweight/obese children. <i>Journal of Applied Oral Science</i> , 2019, 27, e20180088.	0.7	6
72	Recreational Dance Practice Modulates Lymphocyte Profile and Function in Diabetic Women. <i>International Journal of Sports Medicine</i> , 2021, 42, 749-759.	0.8	6

#	ARTICLE	IF	CITATIONS
73	Updating futsal physiology, immune system, and performance. <i>Research in Sports Medicine</i> , 2022, 30, 659-676.	0.7	6
74	A simple mathematical model for the evaluation of the long first wave of the COVID-19 pandemic in Brazil. <i>Scientific Reports</i> , 2021, 11, 16400.	1.6	6
75	Effect of medium/long chain triglyceride-based emulsion on leucocyte death and inflammatory gene expression. <i>Clinical and Experimental Immunology</i> , 2011, 165, 383-392.	1.1	5
76	Changes of gene expression in electrically stimulated and contralateral rat soleus muscles. <i>Muscle and Nerve</i> , 2009, 40, 838-846.	1.0	3
77	Lymphocyte activation after a high-intensity street dance class. <i>PLoS ONE</i> , 2020, 15, e0239516.	1.1	3
78	Comparison of salivary cytokines levels among individuals with Down syndrome, cerebral palsy and normoactive. <i>Journal of Clinical and Experimental Dentistry</i> , 2020, 12, e446-e451.	0.5	3
79	COVID-19 Pandemic in Brazil: History, Characteristics, and Evolution. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1327, 35-47.	0.8	1
80	Features of Neutrophils From Atopic and Non-Atopic Elite Endurance Runners. <i>Frontiers in Immunology</i> , 2021, 12, 670763.	2.2	1
81	Prevalence of Metabolic Syndrome in Military Police Officers of São Paulo City: The Health Promotion in Military Police (HPMP) Study. <i>Research, Society and Development</i> , 2021, 10, e61101421142.	0.0	1
82	Association between the number of steps performed during work and metabolic syndrome indicators in São Paulo city military police officers: The health promotion of Military Police (HPMP) study. <i>Research, Society and Development</i> , 2022, 11, e13511225376.	0.0	1
83	Effect of fatty acids on the production of reactive oxygen species (ROS) by J774 cells. <i>FASEB Journal</i> , 2007, 21, A815.	0.2	0
84	Effect of Fatty Acids on Interleukin 2 Signaling Pathway in Human Lymphocytes. <i>FASEB Journal</i> , 2007, 21, A1212.	0.2	0
85	Improvement in skeletal muscle oxidative capacity by fish oil supplementation is associated with decreased insulin resistance induced by high-fat diet in C57Bl/6 mice. <i>FASEB Journal</i> , 2013, 27, lb707.	0.2	0
86	Skeletal muscle protein degradation induced by high-fat diet is decreased by macadamia oil supplementation: Role of E3 ubiquitin enzyme ligase MuRF1 and atrogin1. <i>FASEB Journal</i> , 2013, 27, lb706.	0.2	0
87	Functional Capability, Flexibility, Strength And Quality Of Life In Sedentary Or Trained Elderly Women. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 204-204.	0.2	0