

# Sandro M Hirabara

## List of Publications by Year in descending order

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135  
papers

5,741  
citations

101543

36  
h-index

88630

70  
g-index

146  
all docs

146  
docs citations

146  
times ranked

8905  
citing authors

#	ARTICLE	IF	CITATIONS
1	Updating futsal physiology, immune system, and performance. <i>Research in Sports Medicine</i> , 2022, 30, 659-676.	1.3	6
2	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.	0.1	1
3	Recreational Dance Practice Modulates Lymphocyte Profile and Function in Diabetic Women. <i>International Journal of Sports Medicine</i> , 2021, 42, 749-759.	1.7	6
4	L-arginine Improves Plasma Lipid Profile and Muscle Inflammatory Response in Trained Rats After High-Intense Exercise. <i>Research Quarterly for Exercise and Sport</i> , 2021, 92, 82-90.	1.4	0
5	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.	1.3	11
6	Host cell glutamine metabolism as a potential antiviral target. <i>Clinical Science</i> , 2021, 135, 305-325.	4.3	31
7	COVID-19 Pandemic in Brazil: History, Characteristics, and Evolution. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1327, 35-47.	1.6	1
8	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.	1.7	9
9	Insulin-stimulated endoproteolytic TUG cleavage links energy expenditure with glucose uptake. <i>Nature Metabolism</i> , 2021, 3, 378-393.	11.9	13
10	4-Aminoquinoline compounds from the Spanish flu to COVID-19. <i>Biomedicine and Pharmacotherapy</i> , 2021, 135, 111138.	5.6	10
11	501-P: Lower Plasma Membrane Sn-1,2-Diacylglycerol Content and PKCepsilon/theta Activity Explain the Athlete's Paradox. <i>Diabetes</i> , 2021, 70, .	0.6	0
12	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.	2.0	8
13	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.	3.3	6
14	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.	5.6	7
15	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.	0.1	1
16	SARS-COV-2 Variants: Differences and Potential of Immune Evasion. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 781429.	3.9	154
17	A Membrane-Bound Diacylglycerol Species Induces PKCμ-Mediated Hepatic Insulin Resistance. <i>Cell Metabolism</i> , 2020, 32, 654-664.e5.	16.2	83
18	Glutamine supplementation versus functional overload in extensor digitorum longus muscle hypertrophy. <i>PharmaNutrition</i> , 2020, 14, 100236.	1.7	3

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19	Tributylin Attenuates Metabolic and Inflammatory Changes Associated with Obesity through a GPR109A-Dependent Mechanism. <i>Cells</i> , 2020, 9, 2007.	4.1	25
20	The paradoxical lean phenotype of hypothyroid mice is marked by increased adaptive thermogenesis in the skeletal muscle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 22544-22551.	7.1	21
21	Mechanisms by which adiponectin reverses high fat diet-induced insulin resistance in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32584-32593.	7.1	82
22	COVID-19 in Brazil: Historical cases, disease milestones, and estimated outbreak peak. <i>Travel Medicine and Infectious Disease</i> , 2020, 38, 101733.	3.0	20
23	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.	6.5	20
24	205-OR: Hepatic Protein Kinase C- $\epsilon$ Is Necessary and Sufficient in Mediating Lipid-Induced Hepatic Insulin Resistance. <i>Diabetes</i> , 2020, 69, 205-OR.	0.6	4
25	Microbiota determines insulin sensitivity in TLR2-KO mice. <i>Life Sciences</i> , 2019, 234, 116793.	4.3	16
26	Moderate physical exercise improves lymphocyte function in melanoma-bearing mice on a high-fat diet. <i>Nutrition and Metabolism</i> , 2019, 16, 63.	3.0	13
27	Oral L-glutamine pretreatment attenuates skeletal muscle atrophy induced by 24-h fasting in mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 70, 202-214.	4.2	26
28	Perivascular Adipose Tissue Feature in Obesogenic Diets. , 2019, , 289-298.		1
29	New insights on the regulation of cancer cachexia by N-3 polyunsaturated fatty acids. , 2019, 196, 117-134.		55
30	Myotube Protein Content Associates with Intracellular L-Glutamine Levels. <i>Cellular Physiology and Biochemistry</i> , 2019, 53, 200-214.	1.6	8
31	Short-term treatment with metformin reduces hepatic lipid accumulation but induces liver inflammation in obese mice. <i>Inflammopharmacology</i> , 2018, 26, 1103-1115.	3.9	15
32	Experimental Model of Skeletal Muscle Laceration in Rats. <i>Methods in Molecular Biology</i> , 2018, 1735, 397-401.	0.9	3
33	Does a congested fixture schedule affect psychophysiological parameters in elite volleyball players?. <i>Science and Sports</i> , 2018, 33, 258-264.	0.5	5
34	Influence of trans fatty acids on glucose metabolism in soleus muscle of rats fed diets enriched in or deprived of linoleic acid. <i>European Journal of Nutrition</i> , 2018, 57, 1343-1355.	3.9	0
35	Fenofibrate reverses changes induced by high-fat diet on metabolism in mice muscle and visceral adipocytes. <i>Journal of Cellular Physiology</i> , 2018, 233, 3515-3528.	4.1	22
36	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.	4.2	61

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37	Brain Fatty Acid Composition and Inflammation in Mice Fed with High-Carbohydrate Diet or High-Fat Diet. <i>Nutrients</i> , 2018, 10, 1277.	4.1	21
38	<sc>L</sc>-Arginine supplementation improves rats' antioxidant system and exercise performance. <i>Free Radical Research</i> , 2017, 51, 281-293.	3.3	14
39	Combination of a high-fat diet with sweetened condensed milk exacerbates inflammation and insulin resistance induced by each separately in mice. <i>Scientific Reports</i> , 2017, 7, 3937.	3.3	30
40	Role of microRNAs on the Regulation of Mitochondrial Biogenesis and Insulin Signaling in Skeletal Muscle. <i>Journal of Cellular Physiology</i> , 2017, 232, 958-966.	4.1	23
41	Satellite cell activation induced by aerobic muscle adaptation in response to endurance exercise in humans and rodents. <i>Life Sciences</i> , 2017, 170, 33-40.	4.3	43
42	Zinc Supplementation Improves Glucose Homeostasis in High Fat-Fed Mice by Enhancing Pancreatic $\beta$ -Cell Function. <i>Nutrients</i> , 2017, 9, 1150.	4.1	34
43	Regulation of muscle plasticity and trophism by fatty acids: A short review. <i>Revista Da Associação Médica Brasileira</i> , 2017, 63, 148-155.	0.7	7
44	Comparison of Goto-Kakizaki rats and high fat diet-induced obese rats: Are they reliable models to study Type 2 Diabetes mellitus?. <i>PLoS ONE</i> , 2017, 12, e0189622.	2.5	51
45	Effects of endurance training on reduction of plasma glucose during high intensity constant and incremental speed tests in Wistar rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2016, 49, e5226.	1.5	5
46	Deletion of tumor necrosis factor- $\alpha$ receptor 1 (TNFR1) protects against diet-induced obesity by means of increased thermogenesis.. <i>Journal of Biological Chemistry</i> , 2016, 291, 26934.	3.4	6
47	Inflammatory state of periaortic adipose tissue in mice under obesogenic dietary regimens. <i>Journal of Nutrition &amp; Intermediary Metabolism</i> , 2016, 6, 1-7.	1.7	4
48	Contractile function recovery in severely injured gastrocnemius muscle of rats treated with either oleic or linoleic acid. <i>Experimental Physiology</i> , 2016, 101, 1392-1405.	2.0	11
49	Regulation of Gene Expression by Exercise-Related Micrnas. <i>Cellular Physiology and Biochemistry</i> , 2016, 39, 2381-2397.	1.6	31
50	Effects of high EPA and high DHA fish oils on changes in signaling associated with protein metabolism induced by hindlimb suspension in rats. <i>Physiological Reports</i> , 2016, 4, e12958.	1.7	24
51	Differential effects of palmitoleic acid on human lymphocyte proliferation and function. <i>Lipids in Health and Disease</i> , 2016, 15, 217.	3.0	30
52	Regulatory principles in metabolism—then and now. <i>Biochemical Journal</i> , 2016, 473, 1845-1857.	3.7	66
53	Omega-3 fatty acids differentially modulate enzymatic anti-oxidant systems in skeletal muscle cells. <i>Cell Stress and Chaperones</i> , 2016, 21, 87-95.	2.9	23
54	Pathophysiology of Metabolic Syndrome: Part I—Influence of Adiposity and Insulin Resistance. , 2015, , 17-32.		0

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55	Deletion of Kinin B2 Receptor Alters Muscle Metabolism and Exercise Performance. PLoS ONE, 2015, 10, e0134844.	2.5	18
56	Celecoxib and Ibuprofen Restore the ATP Content and the Gluconeogenesis Activity in the Liver of Walker-256 Tumor-Bearing Rats. Cellular Physiology and Biochemistry, 2015, 36, 1659-1669.	1.6	16
57	Medium-chain dicarboxylic acylcarnitines as markers of $\omega$ -3 PUFA-induced peroxisomal oxidation of fatty acids. Molecular Nutrition and Food Research, 2015, 59, 1573-1583.	3.3	14
58	Effect of Regular Circus Physical Exercises on Lymphocytes in Overweight Children. PLoS ONE, 2015, 10, e0120262.	2.5	12
59	Palmitoleic Acid (N-7) Attenuates the Immunometabolic Disturbances Caused by a High-Fat Diet Independently of PPAR $\alpha$ . Mediators of Inflammation, 2014, 2014, 1-12.	3.0	58
60	Macadamia Oil Supplementation Attenuates Inflammation and Adipocyte Hypertrophy in Obese Mice. Mediators of Inflammation, 2014, 2014, 1-9.	3.0	24
61	Palmitoleic acid (n-7) increases white adipocytes GLUT4 content and glucose uptake in association with AMPK activation. Lipids in Health and Disease, 2014, 13, 199.	3.0	55
62	DNA Methylation Changes Induced by a High-Fat Diet and Fish Oil Supplementation in the Skeletal Muscle of Mice. Journal of Nutrigenetics and Nutrigenomics, 2014, 7, 314-326.	1.3	21
63	Conjugated linoleic acid improves glucose utilization in the soleus muscle of rats fed linoleic acid-enriched and linoleic acid-deprived diets. Nutrition Research, 2014, 34, 1092-1100.	2.9	8
64	PPAR $\beta$ activation attenuates glucose intolerance induced by mTOR inhibition with rapamycin in rats. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1046-E1054.	3.5	40
65	Palmitoleate attenuates diet induced insulin resistance and hepatic inflammation independently of PPAR $\alpha$ . Cancer & Metabolism, 2014, 2, .	5.0	0
66	Exercise Intensity And Metabolism In Brazilian Jiu-jitsu Matches. Medicine and Science in Sports and Exercise, 2014, 46, 81.	0.4	2
67	Fish oil supplementation for two generations increases insulin sensitivity in rats. Journal of Nutritional Biochemistry, 2013, 24, 1136-1145.	4.2	39
68	Comparative Proteomic Analysis of the Aging Soleus and Extensor Digitorum Longus Rat Muscles Using TMT Labeling and Mass Spectrometry. Journal of Proteome Research, 2013, 12, 4532-4546.	3.7	24
69	Adaptations of the aging animal to exercise: role of daily supplementation with melatonin. Journal of Pineal Research, 2013, 55, 229-239.	7.4	39
70	Targeted Disruption of Inducible Nitric Oxide Synthase Protects Against Aging, S-Nitrosation, and Insulin Resistance in Muscle of Male Mice. Diabetes, 2013, 62, 466-470.	0.6	59
71	Enhanced peroxisomal $\beta$ -oxidation is associated with prevention of obesity and glucose intolerance by fish oil-enriched diets. Obesity, 2013, 21, 1200-1207.	3.0	30
72	Changes in food intake, metabolic parameters and insulin resistance are induced by an isoenergetic, medium-chain fatty acid diet and are associated with modifications in insulin signalling in isolated rat pancreatic islets. British Journal of Nutrition, 2013, 109, 2154-2165.	2.3	15

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73	Muscle Lesions and Inflammation in Futsal Players According to Their Tactical Positions. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 2612-2618.	2.1	23
74	Efeitos da perda rápida de peso em atletas de combate. <i>Revista Brasileira De Ciencias Do Esporte</i> , 2013, 35, 245-260.	0.4	3
75	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, 1b707.	0.5	0
76	Effect of glutamine supplementation and resistive training in signaling pathways of protein synthesis and degradation in rat skeletal muscle. <i>FASEB Journal</i> , 2013, 27, 1b719.	0.5	0
77	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, 1b706.	0.5	0
78	Maternal Moderate Physical Training during Pregnancy Attenuates the Effects of a Low-Protein Diet on the Impaired Secretion of Insulin in Rats: Potential Role for Compensation of Insulin Resistance and Preventing Gestational Diabetes Mellitus. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-7.	3.0	12
79	Sunflower Oil Supplementation Has Proinflammatory Effects and Does Not Reverse Insulin Resistance in Obesity Induced by High-Fat Diet in C57BL/6 Mice. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-9.	3.0	23
80	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
81	G-protein-coupled receptors as fat sensors. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012, 15, 112-116.	2.5	56
82	The $\beta$ -Adrenoceptor Agonist Formoterol Improves Structural and Functional Regenerative Capacity of Skeletal Muscles From Aged Rat at the Early Stages of Postinjury. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67A, 443-455.	3.6	21
83	The Effects of Palmitic Acid on Nitric Oxide Production by Rat Skeletal Muscle: Mechanism via Superoxide and iNOS Activation. <i>Cellular Physiology and Biochemistry</i> , 2012, 30, 1169-1180.	1.6	20
84	Tributylin attenuates obesity-associated inflammation and insulin resistance in high-fat-fed mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E272-E282.	3.5	126
85	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
86	Double-Stranded RNA-Activated Protein Kinase Is a Key Modulator of Insulin Sensitivity in Physiological Conditions and in Obesity in Mice. <i>Endocrinology</i> , 2012, 153, 5261-5274.	2.8	63
87	Quercetin decreases inflammatory response and increases insulin action in skeletal muscle of ob/ob mice and in L6 myotubes. <i>European Journal of Pharmacology</i> , 2012, 689, 285-293.	3.5	66
88	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.	3.0	213
89	Activation of survival and apoptotic signaling pathways in lymphocytes exposed to palmitic acid. <i>Journal of Cellular Physiology</i> , 2012, 227, 339-350.	4.1	31
90	Effects of moderate electrical stimulation on reactive species production by primary rat skeletal muscle cells: Cross talk between superoxide and nitric oxide production. <i>Journal of Cellular Physiology</i> , 2012, 227, 2511-2518.	4.1	12

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91	Glutamine Supplementation Stimulates Protein-Synthetic and Inhibits Protein-Degradative Signaling Pathways in Skeletal Muscle of Diabetic Rats. <i>PLoS ONE</i> , 2012, 7, e50390.	2.5	41
92	La Inactividad Física en Etapas Tempranas del Desarrollo Disminuye la Expresión de Akt en el Músculo S3leo de Ratas. <i>International Journal of Morphology</i> , 2011, 29, 256-267.	0.2	0
93	Efecto del Prop3leos Chileno sobre el Metabolismo de Glucosa en Ratones Diab3ticos. <i>International Journal of Morphology</i> , 2011, 29, 754-761.	0.2	3
94	Acute Effects of Drop Jump Potentiation Protocol on Sprint and Countermovement Vertical Jump Performance. <i>Human Movement</i> , 2011, 12, .	0.9	12
95	Gut Microbiota Is a Key Modulator of Insulin Resistance in TLR 2 Knockout Mice. <i>PLoS Biology</i> , 2011, 9, e1001212.	5.6	237
96	Saturated fatty acid-induced insulin resistance is associated with mitochondrial dysfunction in skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2010, 222, 187-194.	4.1	172
97	Hypothalamic Actions of Tumor Necrosis Factor 1± Provide the Thermogenic Core for the Wastage Syndrome in Cachexia. <i>Endocrinology</i> , 2010, 151, 683-694.	2.8	73
98	Smad5 regulates Akt2 expression and insulin-induced glucose uptake in L6 myotubes. <i>Molecular and Cellular Endocrinology</i> , 2010, 319, 30-38.	3.2	14
99	Deletion of Tumor Necrosis Factor-1± Receptor 1 (TNFR1) Protects against Diet-induced Obesity by Means of Increased Thermogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 36213-36222.	3.4	125
100	Changes of glycogen content in liver, skeletal muscle, and heart from fasted rats. <i>Cell Biochemistry and Function</i> , 2009, 27, 488-495.	2.9	31
101	Involvement of eukaryotic translation initiation factor 5A (eIF5A) in skeletal muscle stem cell differentiation. <i>Journal of Cellular Physiology</i> , 2009, 218, 480-489.	4.1	34
102	Can physical exercise during gestation attenuate the effects of a maternal perinatal low-protein diet on oxygen consumption in rats?. <i>Experimental Physiology</i> , 2009, 94, 906-913.	2.0	27
103	Effect of Fish Oil Supplementation for Two Generations on Changes of Lymphocyte Function Induced by Walker 256 Cancer Cachexia in Rats. <i>Nutrition and Cancer</i> , 2009, 61, 670-679.	2.0	21
104	Induction of Lymphocyte Death by Short- and Long-Duration Triathlon Competitions. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1896-1901.	0.4	17
105	Pode a atividade física materna modular a programa3o fetal induzida pela nutri3o?. <i>Revista De Nutricao</i> , 2009, 22, 559-569.	0.4	2
106	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.	2.5	24
107	Glucose metabolism by lymphocytes, macrophages, and tumor cells from Walker 256 tumor-bearing rats supplemented with fish oil for one generation. <i>Cell Biochemistry and Function</i> , 2008, 26, 874-880.	2.9	6
108	Palmitate increases superoxide production through mitochondrial electron transport chain and NADPH oxidase activity in skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2008, 216, 796-804.	4.1	149

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109	Updating the effects of fatty acids on skeletal muscle. <i>Journal of Cellular Physiology</i> , 2008, 217, 1-12.	4.1	77
110	Glimepiride as insulin sensitizer: increased liver and muscle responses to insulin. <i>Diabetes, Obesity and Metabolism</i> , 2008, 10, 596-600.	4.4	41
111	Effects of 15-deoxy- $\Delta^9$ , 14 prostaglandin J2 and ciglitazone on human cancer cell cycle progression and death: The role of PPAR $\gamma$ . <i>European Journal of Pharmacology</i> , 2008, 580, 80-86.	3.5	14
112	Neutrophil Death Induced by a Triathlon Competition in Elite Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 1447-1454.	0.4	19
113	Regulaç�o metab�lica e produç�o de esp�cies reativas de oxig�nio durante a contraç�o muscular: efeito do glicog�nio na manutenç�o do estado redox intracelular. <i>Revista Brasileira De Medicina Do Esporte</i> , 2008, 14, 57-63.	0.2	5
114	APROGRAM OF MODERATE PHYSICAL TRAINING FOR WISTAR RATS BASED ON MAXIMAL OXYGEN CONSUMPTION. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 751-756.	2.1	1
115	Postpartum glycemic homeostasis in early lactating rats is accompanied by transient and specific increase of soleus insulin response through IRS2/AKT pathway. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 292, R2225-R2233.	1.8	13
116	Effect of Lipid Infusion on Metabolism and Force of Rat Skeletal Muscles During Intense Contractions. <i>Cellular Physiology and Biochemistry</i> , 2007, 20, 213-226.	1.6	20
117	Loss-of-Function Mutation in Toll-Like Receptor 4 Prevents Diet-Induced Obesity and Insulin Resistance. <i>Diabetes</i> , 2007, 56, 1986-1998.	0.6	741
118	Regulation of interleukin-2 signaling by fatty acids in human lymphocytes. <i>Journal of Lipid Research</i> , 2007, 48, 2009-2019.	4.2	28
119	Glutamine supplementation prevents exercise-induced neutrophil apoptosis and reduces p38 MAPK and JNK phosphorylation and p53 and caspase 3 expression. <i>Cell Biochemistry and Function</i> , 2007, 25, 563-569.	2.9	39
120	Effect of fish oil supplementation for 2 generations on changes in macrophage function induced by Walker 256 cancer cachexia in rats. <i>International Journal of Cancer</i> , 2007, 120, 344-350.	5.1	23
121	Time-dependent effects of fatty acids on skeletal muscle metabolism. <i>Journal of Cellular Physiology</i> , 2007, 210, 7-15.	4.1	62
122	Diabetes associated cell stress and dysfunction: role of mitochondrial and non-mitochondrial ROS production and activity. <i>Journal of Physiology</i> , 2007, 583, 9-24.	2.9	530
123	Exercise training raises expression of the cytosolic components of NADPH oxidase in rat neutrophils. <i>European Journal of Applied Physiology</i> , 2007, 100, 153-160.	2.5	10
124	A Program of Moderate Physical Training for Wistar Rats Based on Maximal Oxygen Consumption. <i>Journal of Strength and Conditioning Research</i> , 2007, 21, 751.	2.1	54
125	EFFECT OF FATTY ACIDS ON METABOLISM IN SKELETAL MUSCLE CELLS: Randle cycle, insulin signalling and mitochondrial uncoupling. <i>FASEB Journal</i> , 2007, 21, A1423.	0.5	0
126	Acute effect of fatty acids on metabolism and mitochondrial coupling in skeletal muscle. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 57-66.	1.0	75



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127	Role of fatty acids in the transition from anaerobic to aerobic metabolism in skeletal muscle during exercise. <i>Cell Biochemistry and Function</i> , 2006, 24, 475-481.	2.9	19
128	Diabetes causes marked changes in function and metabolism of rat neutrophils. <i>Journal of Endocrinology</i> , 2006, 188, 295-303.	2.6	128
129	The effects of peroxovanadate and peroxovanadyl on glucose metabolism in vivo and identification of signal transduction proteins involved in the mechanism of action in isolated soleus muscle. <i>Molecular and Cellular Biochemistry</i> , 2005, 273, 145-150.	3.1	12
130	S-Nitrosation of the Insulin Receptor, Insulin Receptor Substrate 1, and Protein Kinase B/Akt: A Novel Mechanism of Insulin Resistance. <i>Diabetes</i> , 2005, 54, 959-967.	0.6	248
131	Palmitate acutely raises glycogen synthesis in rat soleus muscle by a mechanism that requires its metabolism (Randle cycle). <i>FEBS Letters</i> , 2003, 541, 109-114.	2.8	41
132	Palmitate modulates the early steps of insulin signalling pathway in pancreatic islets. <i>FEBS Letters</i> , 2003, 544, 185-188.	2.8	23
133	Naproxen, clenbuterol and insulin administration ameliorates cancer cachexia and reduce tumor growth in Walker 256 tumor-bearing rats. <i>Cancer Letters</i> , 2003, 201, 139-148.	7.2	32
134	Reviewing physical exercise in non-obese diabetic Goto-Kakizaki rats. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 55, .	1.5	2
135	Poor prognosis indicators of type-2 diabetic COVID-19 patients. <i>Brazilian Journal of Medical and Biological Research</i> , 0, 55, .	1.5	4