

Claudio T De Souza

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10392352/publications.pdf>

Version: 2024-02-01

52
papers

3,920
citations

117625

34
h-index

168389

53
g-index

53
all docs

53
docs citations

53
times ranked

5679
citing authors

#	ARTICLE	IF	CITATIONS
1	Consumption of a Fat-Rich Diet Activates a Proinflammatory Response and Induces Insulin Resistance in the Hypothalamus. <i>Endocrinology</i> , 2005, 146, 4192-4199.	2.8	938
2	Unsaturated Fatty Acids Revert Diet-Induced Hypothalamic Inflammation in Obesity. <i>PLoS ONE</i> , 2012, 7, e30571.	2.5	292
3	IL-6 and IL-10 Anti-Inflammatory Activity Links Exercise to Hypothalamic Insulin and Leptin Sensitivity through IKK β and ER Stress Inhibition. <i>PLoS Biology</i> , 2010, 8, e1000465.	5.6	275
4	Reversal of diet-induced insulin resistance with a single bout of exercise in the rat: the role of PTP1B and IRS-1 serine phosphorylation. <i>Journal of Physiology</i> , 2006, 577, 997-1007.	2.9	145
5	Interleukin-10 is a protective factor against diet-induced insulin resistance in liver. <i>Journal of Hepatology</i> , 2008, 48, 628-637.	3.7	140
6	Infliximab Restores Glucose Homeostasis in an Animal Model of Diet-Induced Obesity and Diabetes. <i>Endocrinology</i> , 2007, 148, 5991-5997.	2.8	111
7	Diet-Induced Inflammation of the Hypothalamus in Obesity. <i>NeuroImmunoModulation</i> , 2008, 15, 189-193.	1.8	108
8	Taurine supplementation decreases oxidative stress in skeletal muscle after eccentric exercise. <i>Cell Biochemistry and Function</i> , 2011, 29, 43-49.	2.9	90
9	Endurance exercise training ameliorates insulin resistance and reticulum stress in adipose and hepatic tissue in obese rats. <i>European Journal of Applied Physiology</i> , 2011, 111, 2015-2023.	2.5	89
10	Acute physical exercise reverses S-nitrosation of the insulin receptor, insulin receptor substrate 1 and protein kinase B/Akt in diet-induced obese Wistar rats. <i>Journal of Physiology</i> , 2008, 586, 659-671.	2.9	85
11	Inhibition of UCP2 expression reverses diet-induced diabetes mellitus by effects on both insulin secretion and action. <i>FASEB Journal</i> , 2007, 21, 1153-1163.	0.5	78
12	Cold Exposure Induces Tissue-Specific Modulation of the Insulin Signalling Pathway in <i>Rattus Norvegicus</i> . <i>Journal of Physiology</i> , 2003, 552, 149-162.	2.9	70
13	Amelioration of diet-induced diabetes mellitus by removal of visceral fat. <i>Journal of Endocrinology</i> , 2006, 191, 699-706.	2.6	66
14	EGFR Tyrosine Kinase Inhibitor (PD153035) Improves Glucose Tolerance and Insulin Action in High-Fat Diet-Fed Mice. <i>Diabetes</i> , 2009, 58, 2910-2919.	0.6	62
15	Vitamin E supplementation decreases muscular and oxidative damage but not inflammatory response induced by eccentric contraction. <i>Journal of Physiological Sciences</i> , 2010, 60, 51-7.	2.1	62
16	Physical Training Regulates Mitochondrial Parameters and Neuroinflammatory Mechanisms in an Experimental Model of Parkinson's Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-10.	4.0	61
17	Targeted Disruption of Inducible Nitric Oxide Synthase Protects Against Aging, S-Nitrosation, and Insulin Resistance in Muscle of Male Mice. <i>Diabetes</i> , 2013, 62, 466-470.	0.6	59
18	Effects of taurine supplementation following eccentric exercise in young adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 101-104.	1.9	59

#	ARTICLE	IF	CITATIONS
19	Cold-induced PGC-1 β expression modulates muscle glucose uptake through an insulin receptor/Akt-independent, AMPK-dependent pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E686-E695.	3.5	58
20	Impact of different resistance training protocols on muscular oxidative stress parameters. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 1239-1246.	1.9	58
21	Hypothalamic S1P/S1PR1 axis controls energy homeostasis. <i>Nature Communications</i> , 2014, 5, 4859.	12.8	57
22	Physical exercise increases mitochondrial function and reduces oxidative damage in skeletal muscle. <i>European Journal of Applied Physiology</i> , 2009, 105, 861-867.	2.5	50
23	Short-Term <i>in Vivo</i> Inhibition of Insulin Receptor Substrate-1 Expression Leads to Insulin Resistance, Hyperinsulinemia, and Increased Adiposity. <i>Endocrinology</i> , 2005, 146, 1428-1437.	2.8	46
24	A Central Role for Neuronal Adenosine 5'-Monophosphate-Activated Protein Kinase in Cancer-Induced Anorexia. <i>Endocrinology</i> , 2007, 148, 5220-5229.	2.8	46
25	Inhibition of hypothalamic Foxo1 expression reduced food intake in diet-induced obesity rats. <i>Journal of Physiology</i> , 2009, 587, 2341-2351.	2.9	46
26	Lithium and tamoxifen modulate cellular plasticity cascades in animal model of mania. <i>Journal of Psychopharmacology</i> , 2012, 26, 1594-1604.	4.0	45
27	Pulsed ultrasound associated with gold nanoparticle gel reduces oxidative stress parameters and expression of pro-inflammatory molecules in an animal model of muscle injury. <i>Journal of Nanobiotechnology</i> , 2012, 10, 11.	9.1	45
28	Exercise Intensity, Inflammatory Signaling, and Insulin Resistance in Obese Rats. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 2180-2188.	0.4	44
29	Acute exercise reduces hepatic glucose production through inhibition of the Foxo1/HNF4 β pathway in insulin resistant mice. <i>Journal of Physiology</i> , 2010, 588, 2239-2253.	2.9	41
30	Downhill Running Excessive Training Inhibits Hypertrophy in Mice Skeletal Muscles with Different Fiber Type Composition. <i>Journal of Cellular Physiology</i> , 2016, 231, 1045-1056.	4.1	41
31	Excessive eccentric exercise-induced overtraining model leads to endoplasmic reticulum stress in mice skeletal muscles. <i>Life Sciences</i> , 2016, 145, 144-151.	4.3	41
32	Acute exercise modulates the Foxo1/PGC-1 β pathway in the liver of diet-induced obesity rats. <i>Journal of Physiology</i> , 2009, 587, 2069-2076.	2.9	39
33	Short-term inhibition of SREBP-1c expression reverses diet-induced non-alcoholic fatty liver disease in mice. <i>Scandinavian Journal of Gastroenterology</i> , 2011, 46, 1381-1388.	1.5	38
34	Lithium and valproate act on the GSK-3 β signaling pathway to reverse manic-like behavior in an animal model of mania induced by ouabain. <i>Neuropharmacology</i> , 2017, 117, 447-459.	4.1	36
35	Effects of mood stabilizers on oxidative stress-induced cell death signaling pathways in the brains of rats subjected to the ouabain-induced animal model of mania. <i>Journal of Psychiatric Research</i> , 2015, 65, 63-70.	3.1	34
36	Acute exercise suppresses hypothalamic PTP1B protein level and improves insulin and leptin signaling in obese rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E649-E659.	3.5	28

#	ARTICLE	IF	CITATIONS
37	Ginger and avocado as nutraceuticals for obesity and its comorbidities. <i>Phytotherapy Research</i> , 2020, 34, 1282-1290.	5.8	28
38	Exercise training provides cardioprotection via a reduction in reactive oxygen species in rats submitted to myocardial infarction induced by isoproterenol. <i>Free Radical Research</i> , 2009, 43, 957-964.	3.3	27
39	Acute exercise induce endothelial nitric oxide synthase phosphorylation via Akt and AMP-activated protein kinase in aorta of rats: Role of reactive oxygen species. <i>International Journal of Cardiology</i> , 2013, 167, 2983-2988.	1.7	27
40	Acute exercise reduces insulin resistance-induced TRB3 expression and amelioration of the hepatic production of glucose in the liver of diabetic mice. <i>Journal of Cellular Physiology</i> , 2009, 221, 92-97.	4.1	26
41	Eccentric Exercise Leads to Performance Decrease and Insulin Signaling Impairment. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 686-694.	0.4	26
42	Downhill Running-Based Overtraining Protocol Improves Hepatic Insulin Signaling Pathway without Concomitant Decrease of Inflammatory Proteins. <i>PLoS ONE</i> , 2015, 10, e0140020.	2.5	25
43	Long-term interdisciplinary therapy reduces endotoxin level and insulin resistance in obese adolescents. <i>Nutrition Journal</i> , 2012, 11, 74.	3.4	24
44	Resveratrol and fish oil reduce catecholamine-induced mortality in obese rats: role of oxidative stress in the myocardium and aorta. <i>British Journal of Nutrition</i> , 2013, 110, 1580-1590.	2.3	24
45	Exercise training plays cardioprotection through the oxidative stress reduction in obese rats submitted to myocardial infarction. <i>International Journal of Cardiology</i> , 2012, 157, 422-424.	1.7	22
46	Creatine supplementation does not decrease oxidative stress and inflammation in skeletal muscle after eccentric exercise. <i>Journal of Sports Sciences</i> , 2013, 31, 1164-1176.	2.0	19
47	Atypical transforming growth factor β signaling in the hypothalamus is linked to diabetes. <i>Nature Medicine</i> , 2014, 20, 985-987.	30.7	15
48	Distinct Subsets of Hypothalamic Genes Are Modulated by Two Different Thermogenesis-inducing Stimuli. <i>Obesity</i> , 2008, 16, 1239-1247.	3.0	12
49	Effects of Phonophoresis and Gold Nanoparticles in Experimental Model of Muscle Overuse: Role of Oxidative Stress. <i>Ultrasound in Medicine and Biology</i> , 2015, 41, 151-162.	1.5	11
50	The role of continuous versus fractionated physical training on muscle oxidative stress parameters and calcium-handling proteins in aged rats. <i>Aging Clinical and Experimental Research</i> , 2016, 28, 833-841.	2.9	10
51	Exercício físico reduz a hiperglicemia de jejum em camundongos diabéticos através da ativação da AMPK. <i>Revista Brasileira De Medicina Do Esporte</i> , 2009, 15, 179-184.	0.2	8
52	Interval training does not decrease oxidative stress in the heart of mice. <i>International Journal of Cardiology</i> , 2011, 147, 308-309.	1.7	3