

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 | Ginger and avocado as nutraceuticals for obesity and its comorbidities. <i>Phytotherapy Research</i> , 2020, 34, 1282-1290. | 5.8 | 28 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Effects of taurine supplementation following eccentric exercise in young adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 101-104. | 1.9 | 59 |
| 12 | Hypothalamic S1P/S1PR1 axis controls energy homeostasis. <i>Nature Communications</i> , 2014, 5, 4859. | 12.8 | 57 |
| 13 | Atypical transforming growth factor β signaling in the hypothalamus is linked to diabetes. <i>Nature Medicine</i> , 2014, 20, 985-987. | 30.7 | 15 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |
|----|---|-----|-----------|
| 19 | Lithium and tamoxifen modulate cellular plasticity cascades in animal model of mania. <i>Journal of Psychopharmacology</i> , 2012, 26, 1594-1604. | 4.0 | 45 |
| 20 | 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 |
| 21 | 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 |
| 22 | Long-term interdisciplinary therapy reduces endotoxin level and insulin resistance in obese adolescents. <i>Nutrition Journal</i> , 2012, 11, 74. | 3.4 | 24 |
| 23 | 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 |
| 24 | Unsaturated Fatty Acids Revert Diet-Induced Hypothalamic Inflammation in Obesity. <i>PLoS ONE</i> , 2012, 7, e30571. | 2.5 | 292 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Taurine supplementation decreases oxidative stress in skeletal muscle after eccentric exercise. <i>Cell Biochemistry and Function</i> , 2011, 29, 43-49. | 2.9 | 90 |
| 29 | 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 |
| 30 | 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 |
| 31 | Acute exercise reduces hepatic glucose production through inhibition of the Foxo1/HNF4 α pathway in insulin resistant mice. <i>Journal of Physiology</i> , 2010, 588, 2239-2253. | 2.9 | 41 |
| 32 | 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 |
| 33 | 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 |
| 34 | 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 |
| 35 | 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 |
| 36 | Acute exercise modulates the Foxo1/PGC1 α pathway in the liver of diet-induced obesity rats. <i>Journal of Physiology</i> , 2009, 587, 2069-2076. | 2.9 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | Distinct Subsets of Hypothalamic Genes Are Modulated by Two Different Thermogenesis-Inducing Stimuli. <i>Obesity</i> , 2008, 16, 1239-1247. | 3.0 | 12 |
| 42 | Diet-Induced Inflammation of the Hypothalamus in Obesity. <i>NeuroImmunoModulation</i> , 2008, 15, 189-193. | 1.8 | 108 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | Infliximab Restores Glucose Homeostasis in an Animal Model of Diet-Induced Obesity and Diabetes. <i>Endocrinology</i> , 2007, 148, 5991-5997. | 2.8 | 111 |
| 47 | 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 |
| 48 | Amelioration of diet-induced diabetes mellitus by removal of visceral fat. <i>Journal of Endocrinology</i> , 2006, 191, 699-706. | 2.6 | 66 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |