

Rodrigo Troncoso

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,603
citations

236925

25
h-index

189892

50
g-index

59
all docs

59
docs citations

59
times ranked

5504
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2143-2152.	2.0	483
2	Insulin Stimulates Mitochondrial Fusion and Function in Cardiomyocytes via the Akt-mTOR-NF κ B-Opa-1 Signaling Pathway. <i>Diabetes</i> , 2014, 63, 75-88.	0.6	195
3	New insights into IGF-1 signaling in the heart. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 128-137.	7.1	190
4	Cardiovascular autophagy. <i>Autophagy</i> , 2013, 9, 1455-1466.	9.1	162
5	Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. <i>Cardiovascular Research</i> , 2012, 93, 320-329.	3.8	124
6	Beta2-adrenergic receptor regulates cardiac fibroblast autophagy and collagen degradation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 23-31.	3.8	116
7	Glucose deprivation causes oxidative stress and stimulates aggresome formation and autophagy in cultured cardiac myocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 509-518.	3.8	102
8	Attenuation of endoplasmic reticulum stress using the chemical chaperone 4-phenylbutyric acid prevents cardiac fibrosis induced by isoproterenol. <i>Experimental and Molecular Pathology</i> , 2012, 92, 97-104.	2.1	102
9	Dexamethasone-induced autophagy mediates muscle atrophy through mitochondrial clearance. <i>Cell Cycle</i> , 2014, 13, 2281-2295.	2.6	89
10	Drp1 Loss-of-function Reduces Cardiomyocyte Oxygen Dependence Protecting the Heart From Ischemia-reperfusion Injury. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 477-487.	1.9	88
11	Mitochondria, Myocardial Remodeling, and Cardiovascular Disease. <i>Current Hypertension Reports</i> , 2012, 14, 532-539.	3.5	61
12	Autophagy and oxidative stress in non-communicable diseases: A matter of the inflammatory state?. <i>Free Radical Biology and Medicine</i> , 2018, 124, 61-78.	2.9	61
13	Mitochondrial fragmentation impairs insulin-dependent glucose uptake by modulating Akt activity through mitochondrial Ca ²⁺ uptake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1-E13.	3.5	49
14	Organelle communication: Signaling crossroads between homeostasis and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 55-59.	2.8	46
15	Impacts of vehicle restrictions on urban transport flows: The case of Santiago, Chile. <i>Transport Policy</i> , 2011, 18, 862-862.	6.6	40
16	Iron induces protection and necrosis in cultured cardiomyocytes: Role of reactive oxygen species and nitric oxide. <i>Free Radical Biology and Medicine</i> , 2010, 48, 526-534.	2.9	39
17	Palmitic Acid Reduces the Autophagic Flux and Insulin Sensitivity Through the Activation of the Free Fatty Acid Receptor 1 (FFAR1) in the Hypothalamic Neuronal Cell Line N43/5. <i>Frontiers in Endocrinology</i> , 2019, 10, 176.	3.5	38
18	Calcium and mitochondrial metabolism in ceramide-induced cardiomyocyte death. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1334-1344.	3.8	37

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19	Alteration in mitochondrial Ca ²⁺ uptake disrupts insulin signaling in hypertrophic cardiomyocytes. <i>Cell Communication and Signaling</i> , 2014, 12, 68.	6.5	37
20	Effects of environmental alerts and pre-emergencies on pollutant concentrations in Santiago, Chile. <i>Atmospheric Environment</i> , 2012, 61, 550-557.	4.1	36
21	Hyperosmotic stress-dependent NF κ B activation is regulated by reactive oxygen species and IGF-1 in cultured cardiomyocytes. <i>FEBS Letters</i> , 2006, 580, 4495-4500.	2.8	34
22	<i>Trypanosoma cruzi</i> calreticulin: A possible role in Chagasâ€™ disease autoimmunity. <i>Molecular Immunology</i> , 2009, 46, 1092-1099.	2.2	33
23	Herp depletion protects from protein aggregation by up-regulating autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3295-3305.	4.1	32
24	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. <i>Free Radical Biology and Medicine</i> , 2016, 90, 206-218.	2.9	31
25	Increased ERâ€™ mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2511-2511.	2.0	30
26	Exercise regulates lipid droplet dynamics in normal and fatty liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158519.	2.4	29
27	Aggregate estimation of the price elasticity of demand for public transport in integrated fare systems: The case of Transantiago. <i>Transport Policy</i> , 2013, 29, 178-185.	6.6	28
28	Metabolic Syndrome and Antipsychotics: The Role of Mitochondrial Fission/Fusion Imbalance. <i>Frontiers in Endocrinology</i> , 2018, 9, 144.	3.5	24
29	Gln ²⁷ â€™Glu ²² â€™Adrenergic Receptor Polymorphism in Heart Failure Patients: Differential Clinical and Oxidative Response to Carvedilol. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 374-378.	2.5	22
30	Mifepristone enhances insulin-stimulated Akt phosphorylation and glucose uptake in skeletal muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2018, 461, 277-283.	3.2	20
31	Matrix metalloproteinase-9 activity is associated to oxidative stress in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2010, 143, 98-100.	1.7	18
32	An empirical evaluation of the impact of three urban transportation policies on transit use. <i>Transport Policy</i> , 2012, 22, 11-19.	6.6	18
33	Regulation of cardiac autophagy by insulinâ€™like growth factor 1. <i>IUBMB Life</i> , 2013, 65, 593-601.	3.4	18
34	FK866 compromises mitochondrial metabolism and adaptive stress responses in cultured cardiomyocytes. <i>Biochemical Pharmacology</i> , 2015, 98, 92-101.	4.4	17
35	Fare evasion in public transport: A time series approach. <i>Transportation Research, Part A: Policy and Practice</i> , 2017, 100, 311-318.	4.2	16
36	Differential Participation of Angiotensin II Type 1 and 2 Receptors in the Regulation of Cardiac Cell Death Triggered by Angiotensin II. <i>American Journal of Hypertension</i> , 2009, 22, 569-576.	2.0	15

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37	Autophagy mediates calcium-sensing receptor-induced TNF α production in human preadipocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3585-3594.	3.8	15
38	β -Hydroxybutyrate Increases Exercise Capacity Associated with Changes in Mitochondrial Function in Skeletal Muscle. <i>Nutrients</i> , 2020, 12, 1930.	4.1	14
39	Herpud1 impacts insulin-dependent glucose uptake in skeletal muscle cells by controlling the Ca ²⁺ -calcineurin-Akt axis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1653-1662.	3.8	13
40	A Logit Model With Endogenous Explanatory Variables and Network Externalities. <i>Networks and Spatial Economics</i> , 2015, 15, 89-116.	1.6	12
41	Mifepristone for Treatment of Metabolic Syndrome: Beyond Cushing's Syndrome. <i>Frontiers in Pharmacology</i> , 2020, 11, 429.	3.5	12
42	Effects of Carvedilol Upon Intra- and Interventricular Synchrony in Patients With Chronic Heart Failure. <i>American Journal of Cardiology</i> , 2005, 96, 267-269.	1.6	11
43	Lipid droplets are both highly oxidized and Plin2-covered in hepatocytes of diet-induced obese mice. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 1368-1376.	1.9	9
44	Gravity model estimation with proxy variables and the impact of endogeneity on transportation planning. <i>Transportation Research, Part A: Policy and Practice</i> , 2009, 43, 105-116.	4.2	7
45	Estimates of price elasticity of demand for urban freeway use with high-frequency control variables: the case of Santiago, Chile. <i>Applied Economics</i> , 2015, 47, 2326-2337.	2.2	5
46	A Road Pricing Model for Congested Highways Based on Link Densities. <i>Journal of Advanced Transportation</i> , 2017, 2017, 1-12.	1.7	5
47	Impact of the dedicated infrastructure on bus service quality: an empirical analysis. <i>Applied Economics</i> , 2019, 51, 5961-5971.	2.2	4
48	Polycystin-2 Is Required for Starvation- and Rapamycin-Induced Atrophy in Myotubes. <i>Frontiers in Endocrinology</i> , 2019, 10, 280.	3.5	4
49	Fluid Restriction Decreases Solid Food Consumption Post-Exercise. <i>Nutrients</i> , 2019, 11, 1209.	4.1	4
50	Cost, production and efficiency in local bus industry: An empirical analysis for the bus system of Santiago. <i>Transportation Research, Part A: Policy and Practice</i> , 2018, 108, 1-11.	4.2	3
51	Early left atrial dysfunction is associated with suboptimal cardiovascular health. <i>Echocardiography</i> , 2020, 37, 47-54.	0.9	2
52	Effects of Carvedilol on Functional Capacity, Left Ventricular Function, Catecholamines, and Oxidative Stress in Patients With Chronic Heart Failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2004, 57, 1053-1058.	0.6	1
53	The impact of commute time on the gender wage gap: An empirical analysis. <i>Case Studies on Transport Policy</i> , 2021, 9, 1106-1111.	2.5	1
54	Límites de la tarificación vial. <i>Eure</i> , 2015, 41, 167-184.	0.3	1

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55	Credit channel and flight to quality in emerging markets: evidence from Chile. <i>Empirical Economics</i> , 2011, 41, 183-197.	3.0	0
56	A microeconomic interpretation for the system optimal traffic assignment problem with nonadditive path cost. <i>Transportation Planning and Technology</i> , 2014, 37, 663-677.	2.0	0
57	Autophagy in the Onset of Atrial Fibrillation. , 2015, , 193-201.		0
58	Estimating the impact of incidents on urban controlled-access highways: an empirical analysis. <i>Applied Economics</i> , 2017, 49, 1763-1773.	2.2	0
59	Hydrogen sulfide disrupts insulin-induced glucose uptake in L6 skeletal muscle cells. <i>Food and Chemical Toxicology</i> , 2022, , 113083.	3.6	0