Christian Cortes-Rojo

List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	758 citations	516710 16 h-index	552781 26 g-index
51 all docs	51 docs citations	51 times ranked	1133 citing authors

#	Article	IF	Citations
1	Antibodies to Extractable Nuclear Antigens Are Detectable in a Considerable Number of Sera That Test Negative for Antinuclear Antibodies. Archives of Pathology and Laboratory Medicine, 2022, 146, 143-144.	2.5	3
2	Dietary Iron Restriction Improves Muscle Function, Dyslipidemia, and Decreased Muscle Oxidative Stress in Streptozotocin-Induced Diabetic Rats. Antioxidants, 2022, 11, 731.	5.1	1
3	Antilipidemic and Hepatoprotective Effects of Ethanol Extract of Justicia spicigera in Streptozotocin Diabetic Rats. Nutrients, 2022, 14, 1946.	4.1	7
4	Linolenic Acid Plus Ethanol Exacerbates Cell Death in Saccharomyces cerevisiae by Promoting Lipid Peroxidation, Cardiolipin Loss, and Necrosis. Life, 2022, 12, 1052.	2.4	2
5	Glutathione peroxidase 2 (Gpx2) preserves mitochondrial function and decreases ROS levels in chronologically aged yeast. Free Radical Research, 2021, 55, 165-175.	3.3	9
6	Mitochondrial metabolism in diabetes. , 2021, , 179-192.		0
7	Avocado Oil Prevents Kidney Injury and Normalizes Renal Vasodilation after Adrenergic Stimulation in Hypertensive Rats: Probable Role of Improvement in Mitochondrial Dysfunction and Oxidative Stress. Life, 2021, 11, 1122.	2.4	3
8	Effects of dietary iron restriction on kidney mitochondria function and oxidative stress in streptozotocin-diabetic rats. Mitochondrion, 2020, 54, 41-48.	3.4	13
9	Diazoxide and Exercise Enhance Muscle Contraction during Obesity by Decreasing ROS Levels, Lipid Peroxidation, and Improving Glutathione Redox Status. Antioxidants, 2020, 9, 1232.	5.1	8
10	Nicorandil Affects Mitochondrial Respiratory Chain Function by Increasing Complex III Activity and ROS Production in Skeletal Muscle Mitochondria. Journal of Membrane Biology, 2020, 253, 309-318.	2.1	7
11	Interplay between NADH oxidation by complex I, glutathione redox state and sirtuin-3, and its role in the development of insulin resistance. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165801.	3.8	36
12	Ferritin levels and COVID-19. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2020, 44, 1.	1.1	114
13	The severity of rat liver injury by fructose and high fat depends on the degree of respiratory dysfunction and oxidative stress induced in mitochondria. Lipids in Health and Disease, 2019, 18, 78.	3.0	33
14	Avocado Oil and Diabetic Complications Related to Mitochondrial Dysfunction. , 2019, , 89-101.		2
15	Iba57p participates in maturation of a [2Feâ€“2S]-cluster Rieske protein and in formation of supercomplexes III/IV of Saccharomyces cerevisiae electron transport chain. Mitochondrion, 2019, 44, 75-84.	3.4	8
16	Glutathione levels influence chronological life span of <scp>Saccharomyces cerevisiae</scp> in a glucoseâ€dependent manner. Yeast, 2018, 35, 387-396.	1.7	11
17	Fatty acid addition and thermotolerance of Kluyveromyces marxianus. FEMS Microbiology Letters, 2018, 365, .	1.8	13
18	Comparative effects of avocado oil and losartan on blood pressure, renal vascular function, and mitochondrial oxidative stress in hypertensive rats. Nutrition, 2018, 54, 60-67.	2.4	27

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19	Data on the role of iba57p in free Fe2+ release and O2â^™â^' generation in Saccharomyces cerevisiae. Data in Brief, 2018, 18, 198-202.	1.0	2
20	Oxidative stress and antioxidant response in a thermotolerant yeast. Brazilian Journal of Microbiology, 2017, 48, 326-332.	2.0	42
21	Avocado oil induces long-term alleviation of oxidative damage in kidney mitochondria from type 2 diabetic rats by improving glutathione status. Journal of Bioenergetics and Biomembranes, 2017, 49, 205-214.	2.3	20
22	Electron transport chain in a thermotolerant yeast. Journal of Bioenergetics and Biomembranes, 2017, 49, 195-203.	2.3	2
23	Nicorandil improves post-fatigue tension in slow skeletal muscle fibers by modulating glutathione redox state. Journal of Bioenergetics and Biomembranes, 2017, 49, 159-170.	2.3	13
24	Avocado Oil Improves Mitochondrial Function and Decreases Oxidative Stress in Brain of Diabetic Rats. Journal of Diabetes Research, 2015, 2015, 1-9.	2.3	41
25	Response to the Letter to the Editor â€œthe bioenergetics of hepatic mitochondria isolated from avocado oil-treated ratsâ€. Journal of Bioenergetics and Biomembranes, 2015, 47, 455-456.	2.3	0
26	Protective effects of dietary avocado oil on impaired electron transport chain function and exacerbated oxidative stress in liver mitochondria from diabetic rats. Journal of Bioenergetics and Biomembranes, 2015, 47, 337-353.	2.3	36
27	Effects of Avocado Oil on Kidney Mitochondrial Function and Proteinuria in Type IIâ€Diabetic Rats. FASEB Journal, 2015, 29, LB89.	0.5	0
28	Malfunctioning of the Ironâ€“Sulfur Cluster Assembly Machinery in Saccharomyces cerevisiae Produces Oxidative Stress via an Iron-Dependent Mechanism, Causing Dysfunction in Respiratory Complexes. PLoS ONE, 2014, 9, e111585.	2.5	42
29	Effects of diabetes on oxidative and nitrosative stress in kidney mitochondria from aged rats. Journal of Bioenergetics and Biomembranes, 2014, 46, 511-518.	2.3	27
30	Characterization of the effects of a polyunsaturated fatty acid (PUFA) on mitochondrial bioenergetics of chronologically aged yeast. Journal of Bioenergetics and Biomembranes, 2014, 46, 205-220.	2.3	9
31	Antioxidative effects of allopurinol and sodium ascorbate increase posfatigue tension in avian skeletal muscle (LB809). FASEB Journal, 2014, 28, LB809.	0.5	0
32	Mitochondrial response to oxidative and nitrosative stress in early stages of diabetes. Mitochondrion, 2013, 13, 835-840.	3.4	19
33	Dietary avocado oil supplementation attenuates the alterations induced by type I diabetes and oxidative stress in electron transfer at the complex II-complex III segment of the electron transport chain in rat kidney mitochondria. Journal of Bioenergetics and Biomembranes, 2013, 45, 271-287.	2.3	40
34	Hypolipidemic Activity ofEryngium carlinaeon Streptozotocin-Induced Diabetic Rats. Biochemistry Research International, 2012, 2012, 1-5.	3.3	21
35	Aumento de la expresiÃ³n de las molÃ©culas CD11c y CD103 en neutrÃ³filos de sangre perifÃ©rica tratados con una formulaciÃ³n de ribosomas bacterianos y proteoglicanos de Klebsiella pneumoniae. Archivos De Bronconeumologia, 2012, 48, 316-319.	0.8	5
36	Electron transport chain dysfunction by H2O2 is linked to increased reactive oxygen species production and iron mobilization by lipoperoxidation: studies using Saccharomyces cerevisiae mitochondria. Journal of Bioenergetics and Biomembranes, 2011, 43, 135-147.	2.3	8

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37	Protective effects of resveratrol on calcium-induced oxidative stress in rat heart mitochondria. Journal of Bioenergetics and Biomembranes, 2011, 43, 101-107.	2.3	15
38	Importance of Oxidative Damage on the Electron Transport Chain for the Rational Use of Mitochondria-Targeted Antioxidants. Mini-Reviews in Medicinal Chemistry, 2011, 11, 625-632.	2.4	19
39	Elucidation of the effects of lipoperoxidation on the mitochondrial electron transport chain using yeast mitochondria with manipulated fatty acid content. Journal of Bioenergetics and Biomembranes, 2009, 41, 15-28.	2.3	35
40	Changes in mitochondrial functionality and calcium uptake in hypertensive rats as a function of age. Mitochondrion, 2008, 8, 262-272.	3.4	17
41	Electron transport chain ofSaccharomyces cerevisiaemitochondria is inhibited by H₂O₂at succinate-cytochromecoxidoreductase level without lipid peroxidation involvement. Free Radical Research, 2007, 41, 1212-1223.	3.3	18
42	Effects of D-amino acids on lipoperoxidation in rat liver and kidney mitochondria. Amino Acids, 2007, 32, 31-37.	2.7	6
43	DIFFERENT SUSCEPTIBILITY OF MITOCHONDRIAL RESPIRATORY CHAIN FOR NITRIC OXIDE IN DIFFERENT ORGANS DURING HYPERTENSION. FASEB Journal, 2007, 21, A668.	0.5	0
44	ROLE OF LIPOPEROXIDATION ON OXIDATIVE DAMAGE TO MITOCHONDRIAL RESPIRATORY CHAIN. FASEB Journal, 2007, 21, A662.	0.5	0
45	Functional characterization of brain mitochondrial nitric oxide synthase during hypertension and aging. Amino Acids, 2006, 30, 73-80.	2.7	4
46	Effect of D-amino acids on some mitochondrial functions in rat liver. Amino Acids, 2003, 24, 163-169.	2.7	9
47	Thiol Reduction and Cardiolipin Improve Complex I Activity and Free Radical Production in Liver Mitochondria of Streptozotocin-Induced Diabetic Rats. , 0, , .		0