Eduardo Martinez-Abundis

List of Publications by Year
in descending order

37 papers	564 citations	623734 14 h-index	642732 23 g-index
37 all docs	37 docs citations	37 times ranked	819 citing authors

#	Article	IF	Citations
1	High sugar but not high fat diet consumption induces hepatic metabolic disruption and up-regulation of mitochondrial fission-associated protein Drp1 in a model of moderate obesity. Archives of Physiology and Biochemistry, 2023, 129, 233-240.	2.1	5
2	Chronic exposure to ozone induces cardiac antioxidant response and overexpression of either mitochondrial fision protein DRP1 and hipertrophyc-related proteins. Journal of Bioenergetics and Biomembranes, 2022, 54, 145-152.	2.3	2
3	Anthropometric, biochemical, and haematological indicators associated with hyperhomocysteinemia and their relation to global DNA methylation in a young adult population. Epigenetics, 2022, 17, 1269-1280.	2.7	1
4	A murine model of ischemiaâ€“reperfusion: the perfusion with leptin promotes the apoptosis-related relocation of mitochondrial proteins Bax and cytochrome c. Bulletin of the National Research Centre, 2022, 46, .	1.8	0
5	Differential effect of high-fat, high-sucrose and combined high-fat/high-sucrose diets consumption on fat accumulation, serum leptin and cardiac hypertrophy in rats. Archives of Physiology and Biochemistry, 2020, 126, 258-263.	2.1	4
6	The highâ€risk HPV E6 proteins modify the activity of the eIF4E protein via the MEK/ERK and AKT/PKB pathways. FEBS Open Bio, 2020, 10, 2541-2552.	2.3	9
7	Genital association of human papillomavirus with Mycoplasma and Ureaplasma spp. in Mexican women with precancerous lesions. International Journal of STD and AIDS, 2019, 30, 969-977.	1.1	2
8	Molecular epidemiology of bacterial vaginosis and its association with genital micro-organisms in asymptomatic women. Journal of Medical Microbiology, 2019, 68, 1373-1382.	1.8	16
9	Leptin Modifies the Rat Heart Performance Associated with Mitochondrial Dysfunction Independently of Its Prohypertrophic Effects. International Journal of Endocrinology, 2018, 2018, 1-10.	1.5	5
10	Effects of repeated 9 and 30-day exposure to extremely low-frequency electromagnetic fields on social recognition behavior and estrogen receptors expression in olfactory bulb of Wistar female rats. Neurological Research, 2017, 39, 165-175.	1.3	1
11	In female rat heart mitochondria, oophorectomy results in loss of oxidative phosphorylation. Journal of Endocrinology, 2017, 232, 221-235.	2.6	9
12	Chemicals with Mitochondrial Targets for the Treatment of Neurodegenerative Disorders. Annual Research & Review in Biology, 2017, 21, 1-19.	0.4	4
13	Identification of functional leptin receptors expressed in ventricular mitochondria. Molecular and Cellular Biochemistry, 2015, 408, 155-162.	3.1	9
14	Lactation Reduces Stress-Caused Dopaminergic Activity and Enhances GABAergic Activity in the Rat Medial Prefrontal Cortex. Journal of Molecular Neuroscience, 2014, 52, 515-524.	2.3	9
15	Bax induces cytochrome c release by multiple mechanisms in mitochondria from MCF7 cells. Journal of Bioenergetics and Biomembranes, 2013, 45, 441-448.	2.3	42
16	Postconditioning Protects Against Reperfusion Injury in Hypertensive Dilated Cardiomyopathy by Activating MEK/ERK1/2 Signaling. Journal of Cardiac Failure, 2013, 19, 135-146.	1.7	26
17	Ginseng Reverses Established Cardiomyocyte Hypertrophy and Postmyocardial Infarction-Induced Hypertrophy and Heart Failure. Circulation: Heart Failure, 2012, 5, 504-514.	3.9	28
18	Leptin-induced Cardiomyocyte Hypertrophy Reveals both Calcium-dependent and Calcium-independent/RhoA-dependent Calcineurin Activation and NFAT Nuclear Translocation. Cellular Signalling, 2012, 24, 2283-2290.	3.6	27

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19	Sexual hormones: Effects on cardiac and mitochondrial activity after ischemiaâ€“reperfusion in adult rats. Gender difference. Journal of Steroid Biochemistry and Molecular Biology, 2012, 132, 135-146.	2.5	37
20	The Obesity-Related Peptide Leptin Sensitizes Cardiac Mitochondria to Calcium-Induced Permeability Transition Pore Opening and Apoptosis. PLoS ONE, 2012, 7, e41612.	2.5	25
21	A CRAC-like motif in BAX sequence: Relationship with protein insertion and pore activity in liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1888-1895.	2.6	10
22	Octylguanidine ameliorates the damaging effect of mercury on renal functions. Journal of Biochemistry, 2011, 149, 211-217.	1.7	1
23	Reduced capacity of Ca2+ retention in liver as compared to kidney mitochondria. ADP requirement. Journal of Bioenergetics and Biomembranes, 2010, 42, 381-386.	2.3	5
24	Pharmacological Strategies to Contend Against Myocardial Reperfusion Damage: Diverse Chemicals for Multiple Targets. Current Medicinal Chemistry, 2010, 17, 2261-2273.	2.4	7
25	Effects of Î±-mangostin on mitochondrial energetic metabolism. Mitochondrion, 2010, 10, 151-157.	3.4	30
26	Protective effect of sulforaphane against cisplatin-induced mitochondrial alterations and impairment in the activity of NAD(P)H: Quinone oxidoreductase 1 and Î³ glutamyl cysteine ligase: Studies in mitochondria isolated from rat kidney and in LLC-PK1 cells. Toxicology Letters, 2010, 199, 80-92.	0.8	52
27	Induction of Mitochondrial Permeability Transition by the DNA-intercalating Cationic Dye Ethidium Bromide. Journal of Biochemistry, 2009, 146, 887-894.	1.7	8
28	Bax distribution into mitochondrial detergentâ€resistant microdomains is related to ceramide and cholesterol content in postischemic hearts. FEBS Journal, 2009, 276, 5579-5588.	4.7	46
29	Cyclosporin a is unable to inhibit carboxyatractyloside-induced permeability transition in aged mitochondria. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2009, 149, 374-381.	2.6	13
30	Cyclosporin A Inhibits UV-Radiation-Induced Membrane Damage but is Unable to Inhibit Carboxyatractyloside-Induced Permeability Transition. Radiation Research, 2009, 172, 575-583.	1.5	3
31	Titration of cardiolipin by either 10-N-nonyl acridine orange or acridine orange sensitizes the adenine nucleotide carrier to permeability transition. Journal of Bioenergetics and Biomembranes, 2008, 40, 77-84.	2.3	13
32	Relationship between oxidative stress and mitochondrial function in the post-conditioned heart. Journal of Bioenergetics and Biomembranes, 2008, 40, 599-606.	2.3	28
33	Hypothyroidism provides resistance to kidney mitochondria against the injury induced by renal ischemia-reperfusion. Life Sciences, 2007, 80, 1252-1258.	4.3	16
34	Copper induces permeability transition through its interaction with the adenine nucleotide translocase. Cell Biology International, 2007, 31, 893-899.	3.0	25
35	Changes in specific lipids regulate BAXâ€induced mitochondrial permeability transition. FEBS Journal, 2007, 274, 6500-6510.	4.7	24
36	On the Opening of an Insensitive Cyclosporin A Non-specific Pore by Phenylarsine Plus Mersalyl. Cell Biochemistry and Biophysics, 2007, 49, 84-90.	1.8	15

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37	Sodium inhibits permeability transition by decreasing potassium matrix content in rat kidney mitochondria. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2006, 144, 442-450.	1.6	7