

Eduardo Martinez-Abundis

List of Publications by Year in descending order

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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	Protective effect of sulforaphane against cisplatin-induced mitochondrial alterations and impairment in the activity of NAD(P)H: Quinone oxidoreductase 1 and Γ^3 glutamyl cysteine ligase: Studies in mitochondria isolated from rat kidney and in LLC-PK1 cells. <i>Toxicology Letters</i> , 2010, 199, 80-92.	0.8	52
2	Bax distribution into mitochondrial detergent-resistant microdomains is related to ceramide and cholesterol content in postischemic hearts. <i>FEBS Journal</i> , 2009, 276, 5579-5588.	4.7	46
3	Bax induces cytochrome c release by multiple mechanisms in mitochondria from MCF7 cells. <i>Journal of Bioenergetics and Biomembranes</i> , 2013, 45, 441-448.	2.3	42
4	Sexual hormones: Effects on cardiac and mitochondrial activity after ischemia-reperfusion in adult rats. Gender difference. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2012, 132, 135-146.	2.5	37
5	Effects of Γ^{\pm} -mangostin on mitochondrial energetic metabolism. <i>Mitochondrion</i> , 2010, 10, 151-157.	3.4	30
6	Relationship between oxidative stress and mitochondrial function in the post-conditioned heart. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 599-606.	2.3	28
7	Ginseng Reverses Established Cardiomyocyte Hypertrophy and Postmyocardial Infarction-Induced Hypertrophy and Heart Failure. <i>Circulation: Heart Failure</i> , 2012, 5, 504-514.	3.9	28
8	Leptin-induced Cardiomyocyte Hypertrophy Reveals both Calcium-dependent and Calcium-independent/RhoA-dependent Calcineurin Activation and NFAT Nuclear Translocation. <i>Cellular Signalling</i> , 2012, 24, 2283-2290.	3.6	27
9	Postconditioning Protects Against Reperfusion Injury in Hypertensive Dilated Cardiomyopathy by Activating MEK/ERK1/2 Signaling. <i>Journal of Cardiac Failure</i> , 2013, 19, 135-146.	1.7	26
10	Copper induces permeability transition through its interaction with the adenine nucleotide translocase. <i>Cell Biology International</i> , 2007, 31, 893-899.	3.0	25
11	The Obesity-Related Peptide Leptin Sensitizes Cardiac Mitochondria to Calcium-Induced Permeability Transition Pore Opening and Apoptosis. <i>PLoS ONE</i> , 2012, 7, e41612.	2.5	25
12	Changes in specific lipids regulate BAX-induced mitochondrial permeability transition. <i>FEBS Journal</i> , 2007, 274, 6500-6510.	4.7	24
13	Hypothyroidism provides resistance to kidney mitochondria against the injury induced by renal ischemia-reperfusion. <i>Life Sciences</i> , 2007, 80, 1252-1258.	4.3	16
14	Molecular epidemiology of bacterial vaginosis and its association with genital micro-organisms in asymptomatic women. <i>Journal of Medical Microbiology</i> , 2019, 68, 1373-1382.	1.8	16
15	On the Opening of an Insensitive Cyclosporin A Non-specific Pore by Phenylarsine Plus Mersalyl. <i>Cell Biochemistry and Biophysics</i> , 2007, 49, 84-90.	1.8	15
16	Titration of cardiolipin by either 10-N-nonyl acridine orange or acridine orange sensitizes the adenine nucleotide carrier to permeability transition. <i>Journal of Bioenergetics and Biomembranes</i> , 2008, 40, 77-84.	2.3	13
17	Cyclosporin a is unable to inhibit carboxyatractyloside-induced permeability transition in aged mitochondria. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 149, 374-381.	2.6	13
18	A CRAC-like motif in BAX sequence: Relationship with protein insertion and pore activity in liposomes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1888-1895.	2.6	10

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19	Lactation Reduces Stress-Caused Dopaminergic Activity and Enhances GABAergic Activity in the Rat Medial Prefrontal Cortex. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 515-524.	2.3	9
20	Identification of functional leptin receptors expressed in ventricular mitochondria. <i>Molecular and Cellular Biochemistry</i> , 2015, 408, 155-162.	3.1	9
21	In female rat heart mitochondria, oophorectomy results in loss of oxidative phosphorylation. <i>Journal of Endocrinology</i> , 2017, 232, 221-235.	2.6	9
22	The high-risk HPV E6 proteins modify the activity of the eIF4E protein via the MEK/ERK and AKT/PKB pathways. <i>FEBS Open Bio</i> , 2020, 10, 2541-2552.	2.3	9
23	Induction of Mitochondrial Permeability Transition by the DNA-intercalating Cationic Dye Ethidium Bromide. <i>Journal of Biochemistry</i> , 2009, 146, 887-894.	1.7	8
24	Sodium inhibits permeability transition by decreasing potassium matrix content in rat kidney mitochondria. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2006, 144, 442-450.	1.6	7
25	Pharmacological Strategies to Contend Against Myocardial Reperfusion Damage: Diverse Chemicals for Multiple Targets. <i>Current Medicinal Chemistry</i> , 2010, 17, 2261-2273.	2.4	7
26	Reduced capacity of Ca ²⁺ retention in liver as compared to kidney mitochondria. ADP requirement. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 381-386.	2.3	5
27	Leptin Modifies the Rat Heart Performance Associated with Mitochondrial Dysfunction Independently of Its Prohypertrophic Effects. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-10.	1.5	5
28	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. <i>Archives of Physiology and Biochemistry</i> , 2023, 129, 233-240.	2.1	5
29	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. <i>Archives of Physiology and Biochemistry</i> , 2020, 126, 258-263.	2.1	4
30	Chemicals with Mitochondrial Targets for the Treatment of Neurodegenerative Disorders. <i>Annual Research & Review in Biology</i> , 2017, 21, 1-19.	0.4	4
31	Cyclosporin A Inhibits UV-Radiation-Induced Membrane Damage but is Unable to Inhibit Carboxyatractyloside-Induced Permeability Transition. <i>Radiation Research</i> , 2009, 172, 575-583.	1.5	3
32	Genital association of human papillomavirus with <i>Mycoplasma</i> and <i>Ureaplasma</i> spp. in Mexican women with precancerous lesions. <i>International Journal of STD and AIDS</i> , 2019, 30, 969-977.	1.1	2
33	Chronic exposure to ozone induces cardiac antioxidant response and overexpression of either mitochondrial fission protein DRP1 and hypertrophy-related proteins. <i>Journal of Bioenergetics and Biomembranes</i> , 2022, 54, 145-152.	2.3	2
34	Octylguanidine ameliorates the damaging effect of mercury on renal functions. <i>Journal of Biochemistry</i> , 2011, 149, 211-217.	1.7	1
35	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. <i>Neurological Research</i> , 2017, 39, 165-175.	1.3	1
36	Anthropometric, biochemical, and haematological indicators associated with hyperhomocysteinemia and their relation to global DNA methylation in a young adult population. <i>Epigenetics</i> , 2022, 17, 1269-1280.	2.7	1

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37	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