Manuel Gutierrez-Aguilar

List of Publications by Year
in descending order

26 papers	648 citations	759055 12 h-index	642610 23 g-index
26 all docs	26 docs citations	26 times ranked	1159 citing authors

#	Article	IF	Citations
1	Morphology and permeability transitions in plant mitochondria: Different aspects of the same event?. Biochimica Et Biophysica Acta - Bioenergetics, 2022, 1863, 148586.	0.5	2
2	Leaf Mesophyll Mitochondrial Polarization Assessment in Arabidopsis thaliana. Methods and Protocols, 2021, 4, 84.	0.9	1
3	Mitochondrial calcium transport and permeability transition as rational targets for plant protection. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148288.	0.5	4
4	The mitochondrial permeability transition pore: Is it formed by the ATP synthase, adenine nucleotide translocators or both?. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148249.	0.5	6
5	From bench to bedside: Biosensing strategies to evaluate endocrine disrupting compounds based on epigenetic events and their potential use in medicine. Environmental Toxicology and Pharmacology, 2020, 80, 103450.	2.0	1
6	A simple method for mitochondrial respiration and calcium uptake assessment in pollen tubes. MethodsX, 2019, 6, 1741-1746.	0.7	1
7	Extracting endocrine disrupting compounds from infant formula using supercritical carbon dioxide. Journal of Supercritical Fluids, 2019, 152, 104554.	1.6	3
8	Exposure to bisphenol A: current levels from food intake are toxic to human cells. Molecular Biology Reports, 2019, 46, 2555-2559.	1.0	6
9	In situ assessment of mitochondrial calcium transport in tobacco pollen tubes. Protoplasma, 2019, 256, 503-509.	1.0	7
10	The still uncertain identity of the channel-forming unit(s) of the mitochondrial permeability transition pore. Cell Calcium, 2018, 73, 121-130.	1.1	68
11	Commentary: Synthetic Ubiquinones Specifically Bind to Mitochondrial Voltage-Dependent Anion Channel 1 (VDAC1) in Saccharomyces cerevisiae Mitochondria. Frontiers in Molecular Biosciences, 2017, 4, 16.	1.6	0
12	Glycoprotein Ib activation by thrombin stimulates the energy metabolism in human platelets. PLoS ONE, 2017, 12, e0182374.	1.1	19
13	Saxagliptin and Tadalafil Differentially Alter Cyclic Guanosine Monophosphate (cGMP) Signaling and Left Ventricular Function in Aorticâ€Banded Miniâ€Swine. Journal of the American Heart Association, 2016, 5, e003277.	1.6	30
14	The mitochondrial unselective channel in Saccharomyces cerevisiae. Mitochondrion, 2015, 22, 85-90.	1.6	7
15	The Saccharomyces cerevisiae mitochondrial unselective channel behaves as a physiological uncoupling system regulated by Ca2+, Mg2+, phosphate and ATP. Journal of Bioenergetics and Biomembranes, 2015, 47, 477-491.	1.0	10
16	Structural mechanisms of cyclophilin D-dependent control of the mitochondrial permeability transition pore. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2041-2047.	1.1	85
17	Effects of ubiquinone derivatives on the mitochondrial unselective channel of Saccharomyces cerevisiae. Journal of Bioenergetics and Biomembranes, 2014, 46, 519-527.	1.0	6
18	A new twist on an old idea part 2: cyclosporine preserves normal mitochondrial but not cardiomyocyte function in mini-swine with compensated heart failure. Physiological Reports, 2014, 2, e12050.	0.7	23

#	Article	IF	Citations
19	Genetic manipulation of the cardiac mitochondrial phosphate carrier does not affect permeability transition. Journal of Molecular and Cellular Cardiology, 2014, 72, 316-325.	0.9	103
20	Physiological and pathological roles of mitochondrial SLC25 carriers. Biochemical Journal, 2013, 454, 371-386.	1.7	108
21	Moonlighting Peptides with Emerging Function. PLoS ONE, 2012, 7, e40125.	1.1	21
22	Physiological uncoupling of mitochondrial oxidative phosphorylation. Studies in different yeast species. Journal of Bioenergetics and Biomembranes, 2011, 43, 323-331.	1.0	38
23	Mitochondrial Unselective Channels throughout the eukaryotic domain. Mitochondrion, 2011, 11, 382-390.	1.6	35
24	Different physiological uncoupling systems in yeast mitochondria. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 130.	0.5	0
25	In Saccharomyces cerevisiae, the phosphate carrier is a component of the mitochondrial unselective channel. Archives of Biochemistry and Biophysics, 2010, 494, 184-191.	1.4	29
26	In yeast, Ca2+ and octylguanidine interact with porin (VDAC) preventing the mitochondrial permeability transition. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 1245-1251.	0.5	35