

Mariana Fernandes

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

537
citations

759055

12
h-index

642610

23
g-index

27
all docs

27
docs citations

27
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Goa1p of <i>Candida albicans</i> Localizes to the Mitochondria during Stress and Is Required for Mitochondrial Function and Virulence. <i>Eukaryotic Cell</i> , 2009, 8, 1706-1720.	3.4	89
2	Mitochondrial calcium overload triggers complement-dependent superoxide-mediated programmed cell death in <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2009, 418, 595-604.	1.7	63
3	Protective effects of estrogen against cardiovascular disease mediated via oxidative stress in the brain. <i>Life Sciences</i> , 2018, 192, 190-198.	2.0	45
4	The effect of maternal low-protein diet on the heart of adult offspring: role of mitochondria and oxidative stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014, 39, 880-887.	0.9	42
5	Protective effects of l-carnitine and piracetam against mitochondrial permeability transition and PC3 cell necrosis induced by simvastatin. <i>European Journal of Pharmacology</i> , 2013, 701, 82-86.	1.7	33
6	Mechanism of <i>Trypanosoma cruzi</i> death induced by <i>Cratylia mollis</i> seed lectin. <i>Journal of Bioenergetics and Biomembranes</i> , 2010, 42, 69-78.	1.0	30
7	Mitochondria generated nitric oxide protects against permeability transition via formation of membrane protein S-nitrosothiols. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 1210-1216.	0.5	29
8	Mitochondrial bioenergetics and oxidative status disruption in brainstem of weaned rats: Immediate response to maternal protein restriction. <i>Brain Research</i> , 2016, 1642, 553-561.	1.1	29
9	Perinatal low-protein diet alters brainstem antioxidant metabolism in adult offspring. <i>Nutritional Neuroscience</i> , 2016, 19, 369-375.	1.5	27
10	Developmental Origins of Cardiometabolic Diseases: Role of the Maternal Diet. <i>Frontiers in Physiology</i> , 2016, 7, 504.	1.3	24
11	Oxidative injuries induced by maternal low-protein diet in female brainstem. <i>Nutritional Neuroscience</i> , 2018, 21, 580-588.	1.5	16
12	Twice-a-day training improves mitochondrial efficiency, but not mitochondrial biogenesis, compared with once-daily training. <i>Journal of Applied Physiology</i> , 2019, 127, 713-725.	1.2	14
13	The <i>Cratylia mollis</i> Seed Lectin Induces Membrane Permeability Transition in Isolated Rat Liver Mitochondria and a Cyclosporine A-insensitive Permeability Transition in <i>Trypanosoma cruzi</i> Mitochondria. <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 381-388.	0.8	13
14	Maternal low-protein diet in female rat heart: possible protective effect of estradiol. <i>Journal of Developmental Origins of Health and Disease</i> , 2017, 8, 322-330.	0.7	13
15	Neonatal treatment with fluoxetine improves mitochondrial respiration and reduces oxidative stress in liver of adult rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6555-6565.	1.2	13
16	Aerobic Exercise Training Exerts Beneficial Effects Upon Oxidative Metabolism and Non-Enzymatic Antioxidant Defense in the Liver of Leptin Deficiency Mice. <i>Frontiers in Endocrinology</i> , 2020, 11, 588502.	1.5	11
17	Mitochondrial dysfunction: maternal protein restriction as a trigger of reactive species overproduction and brainstem energy failure in male offspring brainstem. <i>Nutritional Neuroscience</i> , 2019, 22, 778-788.	1.5	9
18	Saturated Fatty Acid-Enriched Diet-Impaired Mitochondrial Bioenergetics in Liver From Undernourished Rats During Critical Periods of Development. <i>Cells</i> , 2019, 8, 335.	1.8	8

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19	Safflower (<i>Catharmus tinctorius</i>) oil supplementation in overnourished rats during early neonatal development: effects on heart and liver function in the adult. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 1271-1277.	0.9	6
20	Impact of environmental mercury exposure on the blood cells oxidative status of fishermen living around Mundaó lagoon in Maceió Alagoas (AL), Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2021, 219, 112337.	2.9	6
21	Influence of maternal protein malnutrition on oxidative stress and regulators of mitochondrial biogenesis in female rat hearts over succeeding generations. <i>Life Sciences</i> , 2019, 232, 116579.	2.0	5
22	Maternal Protein Restriction in Two Successive Generations Impairs Mitochondrial Electron Coupling in the Progeny's Brainstem of Wistar Rats From Both Sexes. <i>Frontiers in Neuroscience</i> , 2019, 13, 203.	1.4	5
23	Maternal low protein diet induces persistent expression changes in metabolic genes in male rats. <i>World Journal of Diabetes</i> , 2020, 11, 182-192.	1.3	4
24	Mitochondrial impairment following neonatal overfeeding: A comparison between normal and ischemic-reperfused hearts. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 7341-7352.	1.2	3
25	Moderate physical training counterbalances harmful effects of low-protein diet on heart: metabolic, oxidative and morphological parameters. <i>Motriz Revista De Educacao Fisica</i> , 2017, 23, .	0.3	0
26	Can perinatal undernutrition alter mitochondrial function and metabolism in the adult liver?. <i>FASEB Journal</i> , 2013, 27, 1011.4.	0.2	0
27	Effects of a moderate physical training protocol on the metabolism hepatic of malnourished juvenile rats. <i>FASEB Journal</i> , 2019, 33, 485.7.	0.2	0