

Rodrigo S Fortunato

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,892
citations

270111

25
h-index

325983

40
g-index

72
all docs

72
docs citations

72
times ranked

3429
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF- β 1 Disrupts redox balance in PCCL3 thyroid cell and is sexually dimorphic expressed in rat thyroid gland. <i>Molecular and Cellular Endocrinology</i> , 2022, 546, 111593.	1.6	0
2	Maternal Isocaloric High-Fat Diet Induces Liver Mitochondria Maladaptations and Homeostatic Disturbances Intensifying Mitochondria Damage in Response to Fructose Intake in Adult Male Rat Offspring. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100514.	1.5	5
3	Maternal high-fat diet aggravates fructose-induced mitochondrial damage in skeletal muscles and causes differentiated adaptive responses on lipid metabolism in adult male offspring. <i>Journal of Nutritional Biochemistry</i> , 2022, 104, 108976.	1.9	3
4	Subacute and sublethal ingestion of microcystin-LR impairs lung mitochondrial function by an oligomycin-like effect. <i>Environmental Toxicology and Pharmacology</i> , 2022, 93, 103887.	2.0	0
5	Eugenol mitigated acute lung but not spermatic toxicity of C60 fullerene emulsion in mice. <i>Environmental Pollution</i> , 2021, 269, 116188.	3.7	7
6	Acute cylindrospermopsin exposure: Pulmonary and liver harm and mitigation by dexamethasone. <i>Toxicol</i> , 2021, 191, 18-24.	0.8	5
7	Exercise-Stimulated ROS Sensitive Signaling Pathways in Skeletal Muscle. <i>Antioxidants</i> , 2021, 10, 537.	2.2	72
8	The Effects of Combined Physical Exercise on Serum Redox Biomarkers and Leukocyte DNA Damage of Obese Women. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-8.	1.9	2
9	The flavonoid quercetin reduces cell migration and increases NIS and E-cadherin mRNA in the human thyroid cancer cell line BCPAP. <i>Molecular and Cellular Endocrinology</i> , 2021, 529, 111266.	1.6	13
10	Hypothyroidism induces oxidative stress and DNA damage in breast. <i>Endocrine-Related Cancer</i> , 2021, 28, 505-519.	1.6	7
11	The Effect of Acute Aerobic Exercise on Redox Homeostasis and Mitochondrial Function of Rat White Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	15
12	Differentiated Hepatic Response to Fructose Intake during Adolescence Reveals the Increased Susceptibility to Non-Alcoholic Fatty Liver Disease of Maternal High-Fat Diet Male Rat Offspring. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e1900838.	1.5	14
13	Thyroid redox imbalance in adult Wistar rats that were exposed to nicotine during breastfeeding. <i>Scientific Reports</i> , 2020, 10, 15646.	1.6	12
14	Insights and controversies on sunscreen safety. <i>Critical Reviews in Toxicology</i> , 2020, 50, 707-723.	1.9	11
15	Progression of heart failure is attenuated by antioxidant therapy with N-acetylcysteine in myocardial infarcted female rats. <i>Molecular Biology Reports</i> , 2020, 47, 8645-8656.	1.0	7
16	High-dose Nandrolone Decanoate induces oxidative stress and inflammation in retroperitoneal adipose tissue of male rats. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2020, 203, 105728.	1.2	3
17	Estradiol and Progesterone Levels are Related to Redox Status in the Follicular Fluid During In Vitro Fertilization. <i>Journal of the Endocrine Society</i> , 2020, 4, bvaa064.	0.1	14
18	Muscle Redox Signaling: Engaged in Sickness and in Health. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 539-541.	2.5	3

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19	Redox Signaling in Widespread Health Benefits of Exercise. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 745-760.	2.5	31
20	Strenuous Acute Exercise Induces Slow and Fast Twitch-Dependent NADPH Oxidase Expression in Rat Skeletal Muscle. <i>Antioxidants</i> , 2020, 9, 57.	2.2	25
21	The role of dual oxidases in physiology and cancer. <i>Genetics and Molecular Biology</i> , 2020, 43, e20190096.	0.6	14
22	NADPH Oxidase 5 upregulation is associated with lymphoma aggressiveness. <i>Revista Da Associação Médica Brasileira</i> , 2020, 66, 210-215.	0.3	3
23	The anti-inflammatory and anti-oxidative actions of eugenol improve lipopolysaccharide-induced lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 30-36.	0.7	34
24	The contralateral kidney presents with impaired mitochondrial functions and disrupted redox homeostasis after 14 days of unilateral ureteral obstruction in mice. <i>PLoS ONE</i> , 2019, 14, e0218986.	1.1	14
25	Inhibition of Type 1 Iodothyronine Deiodinase by Bisphenol A. <i>Hormone and Metabolic Research</i> , 2019, 51, 671-677.	0.7	26
26	The Emerging Role of Estrogens in Thyroid Redox Homeostasis and Carcinogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	22
27	Phytomodulatory proteins promote inhibition of hepatic glucose production and favor glycemic control via the AMPK pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 2342-2347.	2.5	9
28	Sex differences in subcutaneous adipose tissue redox homeostasis and inflammation markers in control and high-fat diet fed rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 720-726.	0.9	9
29	Influence of Stem Cell Therapy on Thyroid Function and Reactive Oxygen Species Production in Diabetic Rats. <i>Hormone and Metabolic Research</i> , 2018, 50, 331-339.	0.7	5
30	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. <i>Toxicol</i> , 2018, 144, 75-82.	0.8	4
31	Effect of the FE2+ chelation by 2,2'-dipyridyl in the doxorubicin-induced lethality in breast tumor cell lines. <i>Life Sciences</i> , 2018, 192, 128-135.	2.0	4
32	Rutin Scavenges Reactive Oxygen Species, Inactivates 5'-Adenosine Monophosphate-Activated Protein Kinase, and Increases Sodium/Iodide Symporter Expression in Thyroid PCCL3 Cells. <i>Thyroid</i> , 2018, 28, 265-275.	2.4	13
33	Maternal high-fat diet consumption induces sex-dependent alterations of the endocannabinoid system and redox homeostasis in liver of adult rat offspring. <i>Scientific Reports</i> , 2018, 8, 14751.	1.6	22
34	DUOX1 Silencing in Mammary Cell Alters the Response to Genotoxic Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	11
35	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. <i>Frontiers in Physiology</i> , 2018, 9, 121.	1.3	12
36	Metabolic Reprogramming in Thyroid Carcinoma. <i>Frontiers in Oncology</i> , 2018, 8, 82.	1.3	41

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37	NKX2.5 is expressed in papillary thyroid carcinomas and regulates differentiation in thyroid cells. <i>BMC Cancer</i> , 2018, 18, 498.	1.1	9
38	Bisphenol A increases hydrogen peroxide generation by thyrocytes both in vivo and in vitro. <i>Endocrine Connections</i> , 2018, 7, 1196-1207.	0.8	31
39	Biomass burning in the Amazon region causes DNA damage and cell death in human lung cells. <i>Scientific Reports</i> , 2017, 7, 10937.	1.6	62
40	Hyperglycemia Differentially Affects Maternal and Fetal DNA Integrity and DNA Damage Response. <i>International Journal of Biological Sciences</i> , 2016, 12, 466-477.	2.6	21
41	Differential Expression of NADPH Oxidases Depends on Skeletal Muscle Fiber Type in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	33
42	Redox homeostasis of breast cancer lineages contributes to differential cell death response to exogenous hydrogen peroxide. <i>Life Sciences</i> , 2016, 158, 7-13.	2.0	30
43	The role of oxidative stress on breast cancer development and therapy. <i>Tumor Biology</i> , 2016, 37, 4281-4291.	0.8	199
44	NRF2 and glutathione are key resistance mediators to temozolomide in glioma and melanoma cells. <i>Oncotarget</i> , 2016, 7, 48081-48092.	0.8	94
45	When an Intramolecular Disulfide Bridge Governs the Interaction of DUOX2 with Its Partner DUOXA2. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 724-733.	2.5	29
46	Effect of exercise training on liver antioxidant enzymes in STZ-diabetic rats. <i>Life Sciences</i> , 2015, 128, 64-71.	2.0	21
47	MCT8 is Downregulated by Short Time Iodine Overload in the Thyroid Gland of Rats. <i>Hormone and Metabolic Research</i> , 2015, 47, 910-915.	0.7	18
48	Thyroid hormones regulate skeletal muscle regeneration after acute injury. <i>Endocrine</i> , 2015, 48, 233-240.	1.1	6
49	Lactate Up-Regulates the Expression of Lactate Oxidation Complex-Related Genes in Left Ventricular Cardiac Tissue of Rats. <i>PLoS ONE</i> , 2015, 10, e0127843.	1.1	16
50	Serum and liver lipids distributions in streptozotocin induced diabetic rat treated with diet containing yam (<i>Dioscorea bulbifera</i>) flour. <i>Nutricion Hospitalaria</i> , 2015, 31, 1647-53.	0.2	6
51	Delta Opioid Receptors: The Link between Exercise and Cardioprotection. <i>PLoS ONE</i> , 2014, 9, e113541.	1.1	15
52	The Protective Role of Fucosylated Chondroitin Sulfate, a Distinct Glycosaminoglycan, in a Murine Model of Streptozotocin-Induced Diabetic Nephropathy. <i>PLoS ONE</i> , 2014, 9, e106929.	1.1	14
53	Reprogramming to a pluripotent state modifies mesenchymal stem cell resistance to oxidative stress. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 824-831.	1.6	14
54	The Anabolic Androgenic Steroid Nandrolone Decanoate Disrupts Redox Homeostasis in Liver, Heart and Kidney of Male Wistar Rats. <i>PLoS ONE</i> , 2014, 9, e102699.	1.1	59

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55	Nandrolone decanoate inhibits gluconeogenesis and decreases fasting glucose in Wistar male rats. <i>Journal of Endocrinology</i> , 2014, 220, 143-153.	1.2	32
56	Sexual dimorphism and thyroid dysfunction: a matter of oxidative stress?. <i>Journal of Endocrinology</i> , 2014, 221, R31-R40.	1.2	65
57	A Change in Liver Metabolism but Not in Brown Adipose Tissue Thermogenesis Is an Early Event in Ovariectomy-Induced Obesity in Rats. <i>Endocrinology</i> , 2014, 155, 2881-2891.	1.4	32
58	Bipyridine (2,2'-dipyridyl) potentiates Escherichia coli lethality induced by nitrogen mustard mechlorethamine. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 765, 40-47.	0.4	5
59	Exercise-induced cardioprotection is impaired by anabolic steroid treatment through a redox-dependent mechanism. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 267-272.	1.2	25
60	Sexual Dimorphism of Thyroid Reactive Oxygen Species Production Due to Higher NADPH Oxidase 4 Expression in Female Thyroid Glands. <i>Thyroid</i> , 2013, 23, 111-119.	2.4	48
61	Diabetes Mellitus Increases Reactive Oxygen Species Production in the Thyroid of Male Rats. <i>Endocrinology</i> , 2013, 154, 1361-1372.	1.4	30
62	Flavonoid Rutin Increases Thyroid Iodide Uptake in Rats. <i>PLoS ONE</i> , 2013, 8, e73908.	1.1	35
63	Blunted Response of Pituitary Type 1 and Brown Adipose Tissue Type 2 Deiodinases to Swimming Training in Ovariectomized Rats. <i>Hormone and Metabolic Research</i> , 2012, 44, 797-803.	0.7	25
64	Functional Consequences of Dual Oxidase-Thyroperoxidase Interaction at the Plasma Membrane. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 5403-5411.	1.8	80
65	The effect of acute exercise session on thyroid hormone economy in rats. <i>Journal of Endocrinology</i> , 2008, 198, 347-353.	1.2	59
66	Thyroid Function Disturbance and Type 3 Iodothyronine Deiodinase Induction after Myocardial Infarction in Rats—A Time Course Study. <i>Endocrinology</i> , 2007, 148, 4786-4792.	1.4	132
67	Sexual dimorphism in thyroid function and type 1 iodothyronine deiodinase activity in pre-pubertal and adult rats. <i>Journal of Endocrinology</i> , 2007, 192, 121-130.	1.2	47
68	Nandrolone decanoate impairs exercise-induced cardioprotection: Role of antioxidant enzymes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006, 99, 223-230.	1.2	53
69	Chronic Administration of Anabolic Androgenic Steroid Alters Murine Thyroid Function. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 256-261.	0.2	36
70	Neurophysiological Repercussions of Anabolic Steroid Abuse: A Road into Neurodegenerative Disorders. , 0, , .		0