

Rodrigo Carlessi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,695
citations

623699

14
h-index

454934

30
g-index

33
all docs

33
docs citations

33
times ranked

3257
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of ROS production and oxidative stress in diabetes. <i>Biochemical Journal</i> , 2016, 473, 4527-4550.	3.7	617
2	Molecular Events Linking Oxidative Stress and Inflammation to Insulin Resistance and β -Cell Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-15.	4.0	261
3	Pleiotropic Effects of GLP-1 and Analogs on Cell Signaling, Metabolism, and Function. <i>Frontiers in Endocrinology</i> , 2018, 9, 672.	3.5	170
4	Oxidative stress pathways in pancreatic β -cells and insulin-sensitive cells and tissues: importance to cell metabolism, function, and dysfunction. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C420-C433.	4.6	120
5	GLP-1 receptor signalling promotes β -cell glucose metabolism via mTOR-dependent HIF-1 α activation. <i>Scientific Reports</i> , 2017, 7, 2661.	3.3	72
6	Mechanisms of vitamin D action in skeletal muscle. <i>Nutrition Research Reviews</i> , 2019, 32, 192-204.	4.1	64
7	Death-associated protein kinase increases glycolytic rate through binding and activation of pyruvate kinase. <i>Oncogene</i> , 2012, 31, 683-693.	5.9	46
8	The bioenergetics of inflammation: insights into obesity and type 2 diabetes. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 904-912.	2.9	40
9	Effects of vitamin D on primary human skeletal muscle cell proliferation, differentiation, protein synthesis and bioenergetics. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105423.	2.5	35
10	GTP binding to the ROC domain of DAP β kinase regulates its function through intramolecular signalling. <i>EMBO Reports</i> , 2011, 12, 917-923.	4.5	34
11	Cloning and purification of recombinant proteins of <i>Mycoplasma hyopneumoniae</i> expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2010, 69, 132-136.	1.3	26
12	Human pancreatic islet transplantation: an update and description of the establishment of a pancreatic islet isolation laboratory. <i>Archives of Endocrinology and Metabolism</i> , 2015, 59, 161-170.	0.6	22
13	Exendin-4 protects rat islets against loss of viability and function induced by brain death. <i>Molecular and Cellular Endocrinology</i> , 2015, 412, 239-250.	3.2	19
14	Different digestion enzymes used for human pancreatic islet isolation: A mixed treatment comparison (MTC) meta-analysis. <i>Islets</i> , 2014, 6, e977118.	1.8	18
15	Oleoyl-lysophosphatidylinositol enhances glucagon-like peptide-1 secretion from enteroendocrine L-cells through GPR119. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1132-1141.	2.4	16
16	Nutrient regulation of β -cell function: what do islet cell/animal studies tell us?. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 890-895.	2.9	15
17	Exendin β 4 attenuates brain death β 4-induced liver damage in the rat. <i>Liver Transplantation</i> , 2015, 21, 1410-1418.	2.4	14
18	Lupin seed hydrolysate promotes G-protein-coupled receptor, intracellular Ca $^{2+}$ and enhanced glycolytic metabolism-mediated insulin secretion from BRIN-BD11 pancreatic beta cells. <i>Molecular and Cellular Endocrinology</i> , 2019, 480, 83-96.	3.2	14

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19	Pigment epithelium-derived factor stimulates skeletal muscle glycolytic activity through NADPH oxidase-dependent reactive oxygen species production. <i>International Journal of Biochemistry and Cell Biology</i> , 2016, 78, 229-236.	2.8	13
20	Pigment epithelium-derived factor (PEDF) regulates metabolism and insulin secretion from a clonal rat pancreatic beta cell line BRIN-BD11 and mouse islets. <i>Molecular and Cellular Endocrinology</i> , 2016, 426, 50-60.	3.2	12
21	Glutamine deprivation induces metabolic adaptations associated with beta cell dysfunction and exacerbate lipotoxicity. <i>Molecular and Cellular Endocrinology</i> , 2019, 491, 110433.	3.2	12
22	Insulin and IGF-1 receptor autocrine loops are not required for Exendin-4 induced changes to pancreatic β -cell bioenergetic parameters and metabolism in BRIN-BD11 cells. <i>Peptides</i> , 2018, 100, 140-149.	2.4	9
23	Maraviroc Prevents HCC Development by Suppressing Macrophages and the Liver Progenitor Cell Response in a Murine Chronic Liver Disease Model. <i>Cancers</i> , 2021, 13, 4935.	3.7	9
24	Mouse Models of Hepatocellular Carcinoma. , 0, , 69-94.		8
25	The G1888A variant in the mitochondrial 16S rRNA gene may be associated with Type 2 diabetes in Caucasian-Brazilian patients from southern Brazil. <i>Diabetic Medicine</i> , 2005, 22, 1683-1689.	2.3	7
26	Antidiabetic effects and mechanisms of action of β ³ -conglutin from lupin seeds. <i>Journal of Functional Foods</i> , 2021, 87, 104786.	3.4	6
27	rs1888747 polymorphism in the FRMD3 gene, gene and protein expression: role in diabetic kidney disease. <i>Diabetology and Metabolic Syndrome</i> , 2016, 8, 3.	2.7	4
28	The A allele of the UCP2 -866G/A polymorphism changes UCP2 promoter activity in HUVECs treated with high glucose. <i>Molecular Biology Reports</i> , 2019, 46, 4735-4741.	2.3	4
29	Renal effects of exendin-4 in an animal model of brain death. <i>Molecular Biology Reports</i> , 2019, 46, 2197-2207.	2.3	4
30	Previous liver regeneration induces fibro-protective mechanisms during thioacetamide-induced chronic liver injury. <i>International Journal of Biochemistry and Cell Biology</i> , 2021, 134, 105933.	2.8	2
31	Method Protocols for Metabolic and Functional Analysis of the BRIN-BD11 β ² -Cell Line: A Preclinical Model for Type 2 Diabetes. <i>Methods in Molecular Biology</i> , 2019, 1916, 329-340.	0.9	1
32	Nitric Oxide and Redox State Measurements in Pancreatic Beta Cells. <i>Methods in Molecular Biology</i> , 2020, 2076, 241-253.	0.9	0