

Everardo Magalhaes Carneiro

List of Publications by Year in descending order

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160
papers

4,300
citations

94381

37
h-index

161767

54
g-index

161
all docs

161
docs citations

161
times ranked

5173
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-Term Treatment with Bisphenol-A Leads to Metabolic Abnormalities in Adult Male Mice. PLoS ONE, 2012, 7, e33814.	1.1	150
2	Exposure to Bisphenol-A during Pregnancy Partially Mimics the Effects of a High-Fat Diet Altering Glucose Homeostasis and Gene Expression in Adult Male Mice. PLoS ONE, 2014, 9, e100214.	1.1	144
3	Taurine supplementation modulates glucose homeostasis and islet function. Journal of Nutritional Biochemistry, 2009, 20, 503-511.	1.9	122
4	Endurance training improves responsiveness to insulin and modulates insulin signal transduction through the phosphatidylinositol 3-kinase/Akt-1 pathway. European Journal of Endocrinology, 2002, 147, 149-157.	1.9	94
5	Participation of prolactin receptors and phosphatidylinositol 3-kinase and MAP kinase pathways in the increase in pancreatic islet mass and sensitivity to glucose during pregnancy. Journal of Endocrinology, 2004, 183, 469-476.	1.2	94
6	Glucose Induces Opposite Intracellular Ca ²⁺ Concentration Oscillatory Patterns in Identified β - and δ -Cells Within Intact Human Islets of Langerhans. Diabetes, 2006, 55, 2463-2469.	0.3	89
7	Melatonin prevents mitochondrial dysfunction and insulin resistance in rat skeletal muscle. Journal of Pineal Research, 2014, 57, 155-167.	3.4	87
8	Inhibition of UCP2 expression reverses diet-induced diabetes mellitus by effects on both insulin secretion and action. FASEB Journal, 2007, 21, 1153-1163.	0.2	78
9	Taurine supplementation improves liver glucose control in normal protein and malnourished mice fed a high-fat diet. Molecular Nutrition and Food Research, 2013, 57, 423-434.	1.5	72
10	Taurine prevents fat deposition and ameliorates plasma lipid profile in monosodium glutamate-obese rats. Amino Acids, 2011, 41, 901-908.	1.2	71
11	The bile acid TUDCA increases glucose-induced insulin secretion via the cAMP/PKA pathway in pancreatic beta cells. Metabolism: Clinical and Experimental, 2016, 65, 54-63.	1.5	71
12	Cold Exposure Induces Tissue-Specific Modulation of the Insulin Signalling Pathway in Rattus Norvegicus. Journal of Physiology, 2003, 552, 149-162.	1.3	70
13	Inhibitory Effects of Leptin on Pancreatic β -Cell Function. Diabetes, 2009, 58, 1616-1624.	0.3	68
14	Taurine supplementation prevents morpho-physiological alterations in high-fat diet mice pancreatic β -cells. Amino Acids, 2012, 43, 1791-1801.	1.2	64
15	Protein Deficiency and Nutritional Recovery Modulate Insulin Secretion and the Early Steps of Insulin Action in Rats. Journal of Nutrition, 1998, 128, 1643-1649.	1.3	63
16	Glucocorticoids in Vivo Induce Both Insulin Hypersecretion and Enhanced Glucose Sensitivity of Stimulus-Secretion Coupling in Isolated Rat Islets. Endocrinology, 2010, 151, 85-95.	1.4	62
17	Identification of insulin in the tear film and insulin receptor and IGF-1 receptor on the human ocular surface. Investigative Ophthalmology and Visual Science, 2002, 43, 963-7.	3.3	62
18	Taurine supplementation enhances nutrient-induced insulin secretion in pancreatic mice islets. Diabetes/Metabolism Research and Reviews, 2009, 25, 370-379.	1.7	60

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19	Exercise increases pancreatic β -cell viability in a model of type 1 diabetes through IL-6 signaling. <i>FASEB Journal</i> , 2015, 29, 1805-1816.	0.2	58
20	The bile acid TUDCA and neurodegenerative disorders: An overview. <i>Life Sciences</i> , 2021, 272, 119252.	2.0	57
21	Glucose-Induced Insulin Secretion Is Impaired and Insulin-Induced Phosphorylation of the Insulin Receptor and Insulin Receptor Substrate-1 Are Increased in Protein-Deficient Rats. <i>Journal of Nutrition</i> , 1997, 127, 403-410.	1.3	53
22	Paternal Exercise Improves the Metabolic Health of Offspring via Epigenetic Modulation of the Germline. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1.	1.8	53
23	Nicotinamide induces differentiation of embryonic stem cells into insulin-secreting cells. <i>Experimental Cell Research</i> , 2008, 314, 969-974.	1.2	52
24	ENDURANCE TRAINING ACTIVATES PANCREATIC ISLETS AMP-ACTIVATED KINASE-UNCOUPLING PROTEIN 2 PATHWAY AND REDUCES INSULIN SECRETION. <i>Journal of Endocrinology</i> , 2011, 208, 257-64.	1.2	51
25	Interleukin-6 increases the expression and activity of insulin-degrading enzyme. <i>Scientific Reports</i> , 2017, 7, 46750.	1.6	51
26	Expression of PDX-1 Is Reduced in Pancreatic Islets from Pups of Rat Dams Fed a Low Protein Diet during Gestation and Lactation. <i>Journal of Nutrition</i> , 2002, 132, 3030-3035.	1.3	48
27	Taurine supplementation: involvement of cholinergic/phospholipase C and protein kinase A pathways in potentiation of insulin secretion and Ca^{2+} handling in mouse pancreatic islets. <i>British Journal of Nutrition</i> , 2010, 104, 1148-1155.	1.2	48
28	Improvement in the expression of hepatic genes involved in fatty acid metabolism in obese rats supplemented with taurine. <i>Life Sciences</i> , 2015, 135, 15-21.	2.0	48
29	Taurine supplementation ameliorates glucose homeostasis, prevents insulin and glucagon hypersecretion, and controls β , α , and δ -cell masses in genetic obese mice. <i>Amino Acids</i> , 2015, 47, 1533-1548.	1.2	48
30	Taurine Supplementation Reduces Blood Pressure and Prevents Endothelial Dysfunction and Oxidative Stress in Post-Weaning Protein-Restricted Rats. <i>PLoS ONE</i> , 2014, 9, e105851.	1.1	48
31	Enhanced glucose-induced intracellular signaling promotes insulin hypersecretion: Pancreatic beta-cell functional adaptations in a model of genetic obesity and prediabetes. <i>Molecular and Cellular Endocrinology</i> , 2015, 404, 46-55.	1.6	44
32	An Extra-Virgin Olive Oil Rich in Polyphenolic Compounds Has Antioxidant Effects in Of1 Mice. <i>Journal of Nutrition</i> , 2008, 138, 1074-1078.	1.3	43
33	Whey Protein Hydrolysate Increases Translocation of GLUT-4 to the Plasma Membrane Independent of Insulin in Wistar Rats. <i>PLoS ONE</i> , 2013, 8, e71134.	1.1	43
34	Protein deficiency during pregnancy and lactation impairs glucose-induced insulin secretion but increases the sensitivity to insulin in weaned rats. <i>British Journal of Nutrition</i> , 1998, 80, 291-297.	1.2	42
35	Augmentation of insulin secretion by leucine supplementation in malnourished rats: possible involvement of the phosphatidylinositol 3-phosphate kinase/mammalian target protein of rapamycin pathway. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 635-644.	1.5	41
36	Decreased Insulin Secretion in Islets from Rats Fed a Low Protein Diet Is Associated with a Reduced PKA Expression. <i>Journal of Nutrition</i> , 2004, 134, 63-67.	1.3	40

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37	Taurine enhances the anorexigenic effects of insulin in the hypothalamus of rats. <i>Amino Acids</i> , 2012, 42, 2403-2410.	1.2	40
38	Taurine supplementation restores glucose and carbachol-induced insulin secretion in islets from low-protein diet rats: involvement of Ach-M3R, Synt 1 and SNAP-25 proteins. <i>Journal of Nutritional Biochemistry</i> , 2012, 23, 306-312.	1.9	39
39	The effects of 17 alpha-estradiol to inhibit inflammation in vitro. <i>Biology of Sex Differences</i> , 2017, 8, 30.	1.8	39
40	Modulation of endothelium-derived nitric oxide production and activity by taurine and taurine-conjugated bile acids. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 48-53.	1.2	38
41	Acute Exercise Improves Insulin Clearance and Increases the Expression of Insulin-Degrading Enzyme in the Liver and Skeletal Muscle of Swiss Mice. <i>PLoS ONE</i> , 2016, 11, e0160239.	1.1	36
42	The bile acid TUDCA improves glucose metabolism in streptozotocin-induced Alzheimer's disease mice model. <i>Molecular and Cellular Endocrinology</i> , 2021, 521, 111116.	1.6	36
43	Decreased Cholinergic Stimulation of Insulin Secretion by Islets from Rats Fed a Low Protein Diet Is Associated with Reduced Protein Kinase C α Expression. <i>Journal of Nutrition</i> , 2003, 133, 695-699.	1.3	34
44	Hyperinsulinemia caused by dexamethasone treatment is associated with reduced insulin clearance and lower hepatic activity of insulin-degrading enzyme. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 155, 1-8.	1.2	34
45	Bile acid TUDCA improves insulin clearance by increasing the expression of insulin-degrading enzyme in the liver of obese mice. <i>Scientific Reports</i> , 2017, 7, 14876.	1.6	34
46	Jaboticaba peel powder and jaboticaba peel aqueous extract reduces obesity, insulin resistance and hepatic fat accumulation in rats. <i>Food Research International</i> , 2019, 120, 880-887.	2.9	34
47	Pancreatic Alpha-Cell Dysfunction Contributes to the Disruption of Glucose Homeostasis and Compensatory Insulin Hypersecretion in Glucocorticoid-Treated Rats. <i>PLoS ONE</i> , 2014, 9, e93531.	1.1	34
48	A Low Protein Diet Alters Gene Expression in Rat Pancreatic Islets. <i>Journal of Nutrition</i> , 2004, 134, 321-327.	1.3	33
49	Whey protein hydrolysate enhances the exercise-induced heat shock protein (HSP70) response in rats. <i>Food Chemistry</i> , 2013, 136, 1350-1357.	4.2	33
50	Bisphenol-A exposure worsens hepatic steatosis in ovariectomized mice fed on a high-fat diet: Role of endoplasmic reticulum stress and fibrogenic pathways. <i>Life Sciences</i> , 2020, 256, 118012.	2.0	33
51	Taurine supplementation increases KATP channel protein content, improving Ca ²⁺ handling and insulin secretion in islets from malnourished mice fed on a high-fat diet. <i>Amino Acids</i> , 2014, 46, 2123-2136.	1.2	32
52	A new C-type animal lectin isolated from <i>Bothrops pirajai</i> is responsible for the snake venom major effects in the isolated kidney. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 130-141.	1.2	31
53	Polyphenol-Rich Extract of <i>Syzygium cumini</i> Leaf Dually Improves Peripheral Insulin Sensitivity and Pancreatic Islet Function in Monosodium L-Glutamate-Induced Obese Rats. <i>Frontiers in Pharmacology</i> , 2016, 7, 48.	1.6	30
54	The Bile Acid TUDCA Improves Beta-Cell Mass and Reduces Insulin Degradation in Mice With Early-Stage of Type-1 Diabetes. <i>Frontiers in Physiology</i> , 2019, 10, 561.	1.3	29

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55	Regulation of glucose and lipid metabolism by the pancreatic and extra-pancreatic actions of taurine. <i>Amino Acids</i> , 2018, 50, 1511-1524.	1.2	28
56	Low protein diet impairs glucose-induced insulin secretion from and ⁴⁵ Ca uptake by pancreatic rat islets. <i>Journal of Nutritional Biochemistry</i> , 1995, 6, 314-318.	1.9	27
57	Dexamethasone treatment in vivo counteracts the functional pancreatic islet alterations caused by malnourishment in rats. <i>Metabolism: Clinical and Experimental</i> , 2008, 57, 617-624.	1.5	27
58	Altered Glucose Homeostasis and Hepatic Function in Obese Mice Deficient for Both Kinin Receptor Genes. <i>PLoS ONE</i> , 2012, 7, e40573.	1.1	26
59	Taurine supplementation preserves hypothalamic leptin action in normal and protein-restricted mice fed on a high-fat diet. <i>Amino Acids</i> , 2015, 47, 2419-2435.	1.2	26
60	Taurine supplementation induces long-term beneficial effects on glucose homeostasis in ob/ob mice. <i>Amino Acids</i> , 2018, 50, 765-774.	1.2	26
61	Mechanisms of insulin secretion in malnutrition: modulation by amino acids in rodent models. <i>Amino Acids</i> , 2011, 40, 1027-1034.	1.2	25
62	Augmented β -Cell Function and Mass in Glucocorticoid-Treated Rodents Are Associated with Increased Islet $\text{Ir-}\beta$ /AKT/mTOR and Decreased AMPK/ACC and AS160 Signaling. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-14.	0.6	25
63	Impaired insulin secretion and decreased expression of the nutritionally responsive ribosomal kinase protein S6K-1 in pancreatic islets from malnourished rats. <i>Life Sciences</i> , 2008, 82, 542-548.	2.0	24
64	Taurine-induced insulin signalling improvement of obese malnourished mice is associated with redox balance and protein phosphatases activity modulation. <i>Liver International</i> , 2014, 34, 771-783.	1.9	24
65	Vagotomy diminishes obesity in cafeteria rats by decreasing cholinergic potentiation of insulin release. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 625-633.	1.3	24
66	Leucine Supplementation Augments Insulin Secretion in Pancreatic Islets of Malnourished Mice. <i>Pancreas</i> , 2010, 39, 847-855.	0.5	23
67	Endurance training stimulates growth and survival pathways and the redox balance in rat pancreatic islets. <i>Journal of Applied Physiology</i> , 2012, 112, 711-718.	1.2	23
68	Role of microRNAs on the Regulation of Mitochondrial Biogenesis and Insulin Signaling in Skeletal Muscle. <i>Journal of Cellular Physiology</i> , 2017, 232, 958-966.	2.0	23
69	Aging Reduces Insulin Clearance in Mice. <i>Frontiers in Endocrinology</i> , 2021, 12, 679492.	1.5	23
70	Fenofibrate reverses changes induced by high-fat diet on metabolism in mice muscle and visceral adipocytes. <i>Journal of Cellular Physiology</i> , 2018, 233, 3515-3528.	2.0	22
71	Subsensitivity to insulin in adipocytes from rats submitted to foot-shock stress. <i>Canadian Journal of Physiology and Pharmacology</i> , 2002, 80, 783-789.	0.7	21
72	Soybean diet improves insulin secretion through activation of cAMP/PKA pathway in rats. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 778-784.	1.9	21

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73	Reduced expression of SIRT1 is associated with diminished glucose-induced insulin secretion in islets from calorie-restricted rats. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 554-559.	1.9	21
74	Metabolic memory of β -cells controls insulin secretion and is mediated by CaMKII α . <i>Molecular Metabolism</i> , 2014, 3, 484-489.	3.0	21
75	Whole sorghum flour improves glucose tolerance, insulin resistance and preserved pancreatic islets function in obesity diet-induced rats. <i>Journal of Functional Foods</i> , 2018, 45, 530-540.	1.6	21
76	Protection of insulin-producing cells against toxicity of dexamethasone by catalase overexpression. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1386-1393.	1.3	20
77	Ciliary Neurotrophic Factor Protects Mice Against Streptozotocin-induced Type 1 Diabetes through SOCS3. <i>Journal of Biological Chemistry</i> , 2012, 287, 41628-41639.	1.6	20
78	Reduced glucose-induced insulin secretion in low-protein-fed rats is associated with altered pancreatic islets redox status. <i>Journal of Cellular Physiology</i> , 2018, 233, 486-496.	2.0	20
79	Low-Protein Diets Reduce PKA Expression in Islets from Pregnant Rats. <i>Journal of Nutrition</i> , 2005, 135, 1873-1878.	1.3	19
80	Nutritional recovery with a soybean flour diet improves the insulin response to a glucose load without modifying glucose homeostasis. <i>Nutrition</i> , 2008, 24, 76-83.	1.1	19
81	Impaired muscarinic type 3 (M3) receptor/PKC and PKA pathways in islets from MSG-obese rats. <i>Molecular Biology Reports</i> , 2013, 40, 4521-4528.	1.0	19
82	Nighttime light exposure enhances Rev-erb α -targeting microRNAs and contributes to hepatic steatosis. <i>Metabolism: Clinical and Experimental</i> , 2018, 85, 250-258.	1.5	19
83	Hyperinsulinemia is associated with increasing insulin secretion but not with decreasing insulin clearance in an age-related metabolic dysfunction mice model. <i>Journal of Cellular Physiology</i> , 2019, 234, 9802-9809.	2.0	19
84	INGAP-PP up-regulates the expression of genes and proteins related to K ⁺ ATP channels and ameliorates Ca ²⁺ handling in cultured adult rat islets. <i>Regulatory Peptides</i> , 2008, 148, 39-45.	1.9	18
85	<i>N</i> -acetylcysteine protects pancreatic islet against glucocorticoid toxicity. <i>Redox Report</i> , 2011, 16, 173-180.	1.4	18
86	Participation of Na ⁺ channels in the potentiation by Tityus serrulatus toxin TsTx-V of glucose-induced electrical activity and insulin secretion in rodent islet β -cells. <i>Toxicon</i> , 2003, 41, 1039-1045.	0.8	17
87	Propranolol treatment lowers blood pressure, reduces vascular inflammatory markers and improves endothelial function in obese mice. <i>Pharmacological Research</i> , 2017, 122, 35-45.	3.1	17
88	Pancreatic islets from dexamethasone-treated rats show alterations in global gene expression and mitochondrial pathways. <i>General Physiology and Biophysics</i> , 2012, 31, 65-76.	0.4	17
89	Insulin replacement restores the vesicular secretory apparatus in the diabetic rat lacrimal gland. <i>Arquivos Brasileiros De Oftalmologia</i> , 2015, 78, 158-63.	0.2	16
90	Increased expression of SNARE proteins and synaptotagmin IV in islets from pregnant rats and in vitro prolactin-treated neonatal islets. <i>Biological Research</i> , 2006, 39, 555-66.	1.5	16

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91	Isolation and characterization of a convulxin-like protein from <i>Crotalus durissus collilineatus</i> venom. <i>The Protein Journal</i> , 2001, 20, 585-591.	1.1	15
92	Characterization of the insulinotropic action of a phospholipase A2 isolated from <i>Crotalus durissus collilineatus</i> rattlesnake venom on rat pancreatic islets. <i>Toxicon</i> , 2005, 45, 243-248.	0.8	15
93	Reduced insulin clearance and lower insulin-degrading enzyme expression in the liver might contribute to the thrifty phenotype of protein-restricted mice. <i>British Journal of Nutrition</i> , 2014, 112, 900-907.	1.2	15
94	Dietary sulfur amino acid restriction upregulates DICER to confer beneficial effects. <i>Molecular Metabolism</i> , 2019, 29, 124-135.	3.0	15
95	Insulin release, peripheral insulin resistance and muscle function in protein malnutrition: a role of tricarboxylic acid cycle anaplerosis. <i>British Journal of Nutrition</i> , 2010, 103, 1237-1250.	1.2	14
96	Preliminary report: Leucine supplementation enhances glutamate dehydrogenase expression and restores glucose-induced insulin secretion in protein-malnourished rats. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 911-913.	1.5	14
97	A low-protein diet during pregnancy alters glucose metabolism and insulin secretion. <i>Cell Biochemistry and Function</i> , 2012, 30, 114-121.	1.4	14
98	Taurine treatment reverses protein malnutrition-induced endothelial dysfunction of the pancreatic vasculature: The role of hydrogen sulfide. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154701.	1.5	14
99	Exercise training enhances rat pancreatic islets anaplerotic enzymes content despite reduced insulin secretion. <i>European Journal of Applied Physiology</i> , 2011, 111, 2369-2374.	1.2	13
100	Leucine supplementation does not affect protein turnover and impairs the beneficial effects of endurance training on glucose homeostasis in healthy mice. <i>Amino Acids</i> , 2015, 47, 745-755.	1.2	13
101	Prolactin treatment increases GLUT2 but not the G protein subunit content in cell membranes from cultured neonatal rat islets. <i>FEBS Letters</i> , 1994, 343, 137-140.	1.3	12
102	Soybean diet alters the insulin-signaling pathway in the liver of rats recovering from early-life malnutrition. <i>Nutrition</i> , 2010, 26, 441-448.	1.1	12
103	Decreased insulin secretion in islets from protein malnourished rats is associated with impaired glutamate dehydrogenase function: effect of leucine supplementation. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 721-732.	1.5	12
104	Low-protein diet disrupts the crosstalk between the PKA and PKC signaling pathways in isolated pancreatic islets. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 556-562.	1.9	12
105	Taurine supplementation in high-fat diet fed male mice attenuates endocrine pancreatic dysfunction in their male offspring. <i>Amino Acids</i> , 2019, 51, 727-738.	1.2	12
106	Effects of tauroursodeoxycholic acid on glucose homeostasis: Potential binding of this bile acid with the insulin receptor. <i>Life Sciences</i> , 2021, 285, 120020.	2.0	12
107	Protein restriction in early life is associated with changes in insulin sensitivity and pancreatic β -cell function during pregnancy. <i>British Journal of Nutrition</i> , 2013, 109, 236-247.	1.2	11
108	Whey Protein Hydrolysate Enhances HSP90 but Does Not Alter HSP60 and HSP25 in Skeletal Muscle of Rats. <i>PLoS ONE</i> , 2014, 9, e83437.	1.1	11

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109	Protein malnutrition potentiates the amplifying pathway of insulin secretion in adult obese mice. <i>Scientific Reports</i> , 2016, 6, 33464.	1.6	11
110	Protein malnutrition blunts the increment of taurine transporter expression by a high-fat diet and impairs taurine reestablishment of insulin secretion. <i>FASEB Journal</i> , 2017, 31, 4078-4087.	0.2	11
111	Decreased β -cell insulin secretory function in aged rats due to impaired Ca^{2+} handling. <i>Experimental Physiology</i> , 2012, 97, 1065-1073.	0.9	10
112	Synaptic input changes to spinal cord motoneurons correlate with motor control impairments in a type 1 diabetes mellitus model. <i>Brain and Behavior</i> , 2015, 5, e00372.	1.0	10
113	Endurance Training Inhibits Insulin Clearance and IDE Expression in Swiss Mice. <i>PLoS ONE</i> , 2015, 10, e0118809.	1.1	10
114	Whole body ARHGAP21 reduction improves glucose homeostasis in high-fat diet obese mice. <i>Journal of Cellular Physiology</i> , 2018, 233, 7112-7119.	2.0	10
115	miR-124a expression contributes to the monophasic pattern of insulin secretion in islets from pregnant rats submitted to a low-protein diet. <i>European Journal of Nutrition</i> , 2018, 57, 1471-1483.	1.8	10
116	Hypothalamic expression of the atypical chemokine receptor ACKR2 is involved in the systemic regulation of glucose tolerance. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1126-1137.	1.8	10
117	Tauroursodeoxycholic acid improves glucose tolerance and reduces adiposity in normal protein and malnourished mice fed a high-fat diet. <i>Food Research International</i> , 2022, 156, 111331.	2.9	10
118	Increased L-CPT-1 activity and altered gene expression in pancreatic islets of malnourished adult rats: a possible relationship between elevated free fatty acid levels and impaired insulin secretion. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 85-90.	1.9	9
119	The antiulcer effect of Croton cajucara Benth in normoproteic and malnourished rats. <i>Phytomedicine</i> , 2008, 15, 815-825.	2.3	9
120	Soybean diet modulates acetyl-coenzyme A carboxylase expression in livers of rats recovering from early-life malnutrition. <i>Nutrition</i> , 2009, 25, 774-781.	1.1	8
121	Lower expression of PKA ϵ impairs insulin secretion in islets isolated from low-density lipoprotein receptor (LDLR α/α) knockout mice. <i>Metabolism: Clinical and Experimental</i> , 2011, 60, 1158-1164.	1.5	8
122	Glucose intolerance in monosodium glutamate obesity is linked to hyperglucagonemia and insulin resistance in β cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 7019-7031.	2.0	8
123	Low protein diet confers resistance to the inhibitory effects of interleukin 1β on insulin secretion in pancreatic islets. <i>Journal of Nutritional Biochemistry</i> , 2001, 12, 285-291.	1.9	7
124	ARHGAP21 deficiency impairs hepatic lipid metabolism and improves insulin signaling in lean and obese mice. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 1018-1027.	0.7	7
125	Ventricular Fibrosis and Coronary Remodeling Following Short-Term Exposure of Healthy and Malnourished Mice to Bisphenol A. <i>Frontiers in Physiology</i> , 2021, 12, 638506.	1.3	7
126	D-Pinitol Increases Insulin Secretion and Regulates Hepatic Lipid Metabolism in Msg-Obese Mice. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20201382.	0.3	7

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127	Palmitic acid increase levels of pancreatic duodenal homeobox-1 and p38/stress-activated protein kinase in islets from rats maintained on a low protein diet. <i>British Journal of Nutrition</i> , 2006, 96, 1006-1012.	1.2	6
128	Nutritional recovery with okara diet prevented hypercholesterolemia, hepatic steatosis and glucose intolerance. <i>International Journal of Food Sciences and Nutrition</i> , 2014, 65, 745-753.	1.3	6
129	ARHGAP21 prevents abnormal insulin release through actin rearrangement in pancreatic islets from neonatal mice. <i>Life Sciences</i> , 2015, 127, 53-58.	2.0	6
130	Protein malnutrition after weaning disrupts peripheral clock and daily insulin secretion in mice. <i>Journal of Nutritional Biochemistry</i> , 2017, 50, 54-65.	1.9	6
131	Whole-Body ARHGAP21-Deficiency Improves Energetic Homeostasis in Lean and Obese Mice. <i>Frontiers in Endocrinology</i> , 2019, 10, 338.	1.5	6
132	Amino acid restriction increases cell death under challenging conditions. <i>Journal of Cellular Physiology</i> , 2019, 234, 16679-16684.	2.0	6
133	Magnesium deficiency improves glucose homeostasis in the rat: studies <i>in vivo</i> and in isolated islets <i>in vitro</i> . <i>British Journal of Nutrition</i> , 2001, 85, 549-552.	1.2	5
134	Short-term low-protein diet during pregnancy alters islet area and protein content of phosphatidylinositol 3-kinase pathway in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 1007-1018.	0.3	5
135	Vagotomy Reduces Insulin Clearance in Obese Mice Programmed by Low-Protein Diet in the Adolescence. <i>Neural Plasticity</i> , 2017, 2017, 1-7.	1.0	5
136	Protein malnutrition mitigates the effects of a high-fat diet on glucose homeostasis in mice. <i>Journal of Cellular Physiology</i> , 2019, 234, 6313-6323.	2.0	5
137	Protein restriction during pregnancy impairs intra-islet GLP-1 and the expansion of β^2 -cell mass. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 110977.	1.6	5
138	Long-term increase of insulin secretion in mice subjected to pregnancy and lactation. <i>Endocrine Connections</i> , 2020, 9, 299-308.	0.8	5
139	Differences in K ⁺ Permeability Between Cultured Adult and Neonatal Rat Islets of Langerhans in Response to Glucose, Tolbutamide, Diazoxide, and Theophylline. <i>Pancreas</i> , 1993, 8, 44-49.	0.5	4
140	A soyabean diet does not modify the activity of brown adipose tissue but alters the rate of lipolysis in the retroperitoneal white adipose tissue of male rats recovering from early-life malnutrition. <i>British Journal of Nutrition</i> , 2012, 108, 1042-1051.	1.2	4
141	Diet-induced glucose homeostasis dysregulation is enhanced by taurine supplementation in ovariectomized mice. <i>Amino Acids</i> , 2018, 50, 469-477.	1.2	4
142	TUDCA receptors and their role on pancreatic beta cells. <i>Progress in Biophysics and Molecular Biology</i> , 2021, , .	1.4	4
143	Effect of nighttime light exposure on glucose metabolism in protein-restricted mice. <i>Journal of Endocrinology</i> , 2022, 252, 143-154.	1.2	4
144	Enhanced insulin secretion and glucose tolerance in rats exhibiting low plasma free fatty acid levels and hypertriglyceridaemia due to congenital albumin deficiency. <i>Experimental Physiology</i> , 2012, 97, 525-533.	0.9	3

#	ARTICLE	IF	CITATIONS
145	Impact of a playful booklet about diabetes and obesity on high school students in Campinas, Brazil. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2019, 43, 266-269.	0.8	3
146	Protein restriction in early life increases intracellular calcium and insulin secretion, but does not alter expression of SNARE proteins during pregnancy. <i>Experimental Physiology</i> , 2019, 104, 1029-1037.	0.9	3
147	Hypoglycaemic effect of resveratrol in streptozotocin-induced diabetic rats is impaired when supplemented in association with leucine. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 529-539.	1.3	3
148	The use of the "Endocrine Circuit" as an active learning methodology to aid in the understanding of the human endocrine system. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 124-130.	0.8	3
149	Amino acid restriction alters survival mechanisms in pancreatic beta cells: possible role of the PI3K/Akt pathway. <i>European Journal of Nutrition</i> , 2021, 60, 3947-3957.	1.8	3
150	Descrição de dieta purificada para indução de quadro de desnutrição proteica em ratos. <i>Revista Brasileira De Medicina Do Esporte</i> , 1998, 4, 9-12.	0.1	3
151	Insulin signaling proteins in pancreatic islets of insulin-resistant rats induced by glucocorticoid. <i>Biological Research</i> , 2011, 44, 251-7.	1.5	3
152	Early protein restriction increases intra-islet GLP-1 production and pancreatic β -cell proliferation mediated by the β -catenin pathway. <i>European Journal of Nutrition</i> , 2020, 59, 3565-3579.	1.8	2
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155	Offspring from trained male mice inherit improved muscle mitochondrial function through PPAR co-repressor modulation. <i>Life Sciences</i> , 2022, 291, 120239.	2.0	2
156	Protein malnutrition early in life increased apoptosis but did not alter the β -cell mass during gestation. <i>British Journal of Nutrition</i> , 2021, 125, 1111-1124.	1.2	1
157	Lack of plasma albumin enhances glucose tolerance and insulin secretion. <i>FASEB Journal</i> , 2011, 25, lb534.	0.2	0
158	Influence of dietary protein upon the development of obesity, insulin resistance (IR) and energy metabolism (EM) in malnourished mice fed a high fat diet (HFD). <i>FASEB Journal</i> , 2013, 27, lb301.	0.2	0
159	Dietary Monosodium Glutamate Does Not Affect the Electrocardiographic Profiles of Diabetic and Nondiabetic Wistar Rats. <i>Food and Nutrition Sciences (Print)</i> , 2019, 10, 613-625.	0.2	0
160	EARLY DECREASE IN CX36 IS ASSOCIATED WITH INCREASED CELL ADHESION MOLECULES (CAMs) JUNCTIONAL CONTENT IN MOUSE PANCREATIC ISLETS AFTER SHORT-TERM HIGH-FAT DIET FEEDING. <i>Annals of Anatomy</i> , 2022, 241, 151891.	1.0	0