Everardo Magalhaes Carneiro

List of Publications by Year
in descending order

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	Effect of nighttime light exposure on glucose metabolism in protein-restricted mice. Journal of Endocrinology, 2022, 252, 143-154.	1.2	4
2	Offspring from trained male mice inherit improved muscle mitochondrial function through PPAR co-repressor modulation. Life Sciences, 2022, 291, 120239.	2.0	2
3	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. Annals of Anatomy, 2022, 241, 151891.	1.0	0
4	Paternal Exercise Improves the Metabolic Health of Offspring via Epigenetic Modulation of the Germline. International Journal of Molecular Sciences, 2022, 23, 1.	1.8	53
5	Tauroursodeoxycholic acid improves glucose tolerance and reduces adiposity in normal protein and malnourished mice fed a high-fat diet. Food Research International, 2022, 156, 111331.	2.9	10
6	The bile acid TUDCA improves glucose metabolism in streptozotocin-induced Alzheimer's disease mice model. Molecular and Cellular Endocrinology, 2021, 521, 111116.	1.6	36
7	Protein malnutrition early in life increased apoptosis but did not alter the Î²-cell mass during gestation. British Journal of Nutrition, 2021, 125, 1111-1124.	1.2	1
8	Taurine treatment reverses protein malnutrition-induced endothelial dysfunction of the pancreatic vasculature: The role of hydrogen sulfide. Metabolism: Clinical and Experimental, 2021, 116, 154701.	1.5	14
9	Ventricular Fibrosis and Coronary Remodeling Following Short-Term Exposure of Healthy and Malnourished Mice to Bisphenol A. Frontiers in Physiology, 2021, 12, 638506.	1.3	7
10	Amino acid restriction alters survival mechanisms in pancreatic beta cells: possible role of the PI3K/Akt pathway. European Journal of Nutrition, 2021, 60, 3947-3957.	1.8	3
11	The bile acid TUDCA and neurodegenerative disorders: An overview. Life Sciences, 2021, 272, 119252.	2.0	57
12	Aging Reduces Insulin Clearance in Mice. Frontiers in Endocrinology, 2021, 12, 679492.	1.5	23
13	TUDCA receptors and their role on pancreatic beta cells. Progress in Biophysics and Molecular Biology, 2021, , .	1.4	4
14	Energy homeostasis deregulation is attenuated by TUDCA treatment in streptozotocin-induced Alzheimerâ€™s disease mice model. Scientific Reports, 2021, 11, 18114.	1.6	2
15	Effects of tauroursodeoxycholic acid on glucose homeostasis: Potential binding of this bile acid with the insulin receptor. Life Sciences, 2021, 285, 120020.	2.0	12
16	Modulation of endothelium-derived nitric oxide production and activity by taurine and taurine-conjugated bile acids. Nitric Oxide - Biology and Chemistry, 2020, 94, 48-53.	1.2	38
17	Hypoglycaemic effect of resveratrol in streptozotocin-induced diabetic rats is impaired when supplemented in association with leucine. International Journal of Food Sciences and Nutrition, 2020, 71, 529-539.	1.3	3
18	Protein restriction during pregnancy impairs intra-islet GLP-1 and the expansion of Î²-cell mass. Molecular and Cellular Endocrinology, 2020, 518, 110977.	1.6	5

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19	Bisphenol-A exposure worsens hepatic steatosis in ovariectomized mice fed on a high-fat diet: Role of endoplasmic reticulum stress and fibrogenic pathways. Life Sciences, 2020, 256, 118012.	2.0	33
20	The use of the â€œEndocrine Circuitâ€•as an active learning methodology to aid in the understanding of the human endocrine system. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 124-130.	0.8	3
21	Early protein restriction increases intra-islet GLP-1 production and pancreatic Î²-cell proliferation mediated by the Î²-catenin pathway. European Journal of Nutrition, 2020, 59, 3565-3579.	1.8	2
22	Long-term increase of insulin secretion in mice subjected to pregnancy and lactation. Endocrine Connections, 2020, 9, 299-308.	0.8	5
23	D-Pinitol Increases Insulin Secretion and Regulates Hepatic Lipid Metabolism in Msg-Obese Mice. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20201382.	0.3	7
24	Impact of a playful booklet about diabetes and obesity on high school students in Campinas, Brazil. American Journal of Physiology - Advances in Physiology Education, 2019, 43, 266-269.	0.8	3
25	ARHGAP21 deficiency impairs hepatic lipid metabolism and improves insulin signaling in lean and obese mice. Canadian Journal of Physiology and Pharmacology, 2019, 97, 1018-1027.	0.7	7
26	Dietary sulfur amino acid restriction upregulates DICER to confer beneficial effects. Molecular Metabolism, 2019, 29, 124-135.	3.0	15
27	Whole-Body ARHGAP21-Deficiency Improves Energetic Homeostasis in Lean and Obese Mice. Frontiers in Endocrinology, 2019, 10, 338.	1.5	6
28	The Bile Acid TUDCA Improves Beta-Cell Mass and Reduces Insulin Degradation in Mice With Early-Stage of Type-1 Diabetes. Frontiers in Physiology, 2019, 10, 561.	1.3	29
29	Protein restriction in early life increases intracellular calcium and insulin secretion, but does not alter expression of SNARE proteins during pregnancy. Experimental Physiology, 2019, 104, 1029-1037.	0.9	3
30	Amino acid restriction increasesÂÎ²â€¢cell death under challenging conditions. Journal of Cellular Physiology, 2019, 234, 16679-16684.	2.0	6
31	Taurine supplementation in high-fat diet fed male mice attenuates endocrine pancreatic dysfunction in their male offspring. Amino Acids, 2019, 51, 727-738.	1.2	12
32	Hypothalamic expression of the atypical chemokine receptor ACKR2 is involved in the systemic regulation of glucose tolerance. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1126-1137.	1.8	10
33	Hyperinsulinemia is associated with increasing insulin secretion but not with decreasing insulin clearance in an ageâ€•related metabolic dysfunction mice model. Journal of Cellular Physiology, 2019, 234, 9802-9809.	2.0	19
34	Glucose intolerance in monosodium glutamate obesity is linked to hyperglucagonemia and insulin resistance in Î± cells. Journal of Cellular Physiology, 2019, 234, 7019-7031.	2.0	8
35	Protein malnutrition mitigates the effects of a highâ€•fat diet on glucose homeostasis in mice. Journal of Cellular Physiology, 2019, 234, 6313-6323.	2.0	5
36	Jaboticaba peel powder and jaboticaba peel aqueous extract reduces obesity, insulin resistance and hepatic fat accumulation in rats. Food Research International, 2019, 120, 880-887.	2.9	34

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37	The 17-Beta-Estradiol Improves Insulin Sensitivity in a Rapid Estrogen Receptor Alpha-Dependent Manner in an Animal Model of Malnourishment. Journal of Endocrinology and Metabolism, 2019, 9, 133-146.	0.1	2
38	Dietary Monosodium Glutamate Does Not Affect the Electrocardiographic Profiles of Diabetic and Nondiabetic Wistar Rats. Food and Nutrition Sciences (Print), 2019, 10, 613-625.	0.2	0
39	Diet-induced glucose homeostasis dysregulation is enhanced by taurine supplementation in ovariectomized mice. Amino Acids, 2018, 50, 469-477.	1.2	4
40	Whole body ARHGAP21 reduction improves glucose homeostasis in highâ€fat diet obese mice. Journal of Cellular Physiology, 2018, 233, 7112-7119.	2.0	10
41	Taurine supplementation induces long-term beneficial effects on glucose homeostasis in ob/ob mice. Amino Acids, 2018, 50, 765-774.	1.2	26
42	miR-124a expression contributes to the monophasic pattern of insulin secretion in islets from pregnant rats submitted to a low-protein diet. European Journal of Nutrition, 2018, 57, 1471-1483.	1.8	10
43	Reduced glucoseâ€induced insulin secretion in lowâ€proteinâ€fed rats is associated with altered pancreatic islets redox status. Journal of Cellular Physiology, 2018, 233, 486-496.	2.0	20
44	Whole sorghum flour improves glucose tolerance, insulin resistance and preserved pancreatic islets function in obesity diet-induced rats. Journal of Functional Foods, 2018, 45, 530-540.	1.6	21
45	Fenofibrate reverses changes induced by highâ€fat diet on metabolism in mice muscle and visceral adipocytes. Journal of Cellular Physiology, 2018, 233, 3515-3528.	2.0	22
46	Regulation of glucose and lipid metabolism by the pancreatic and extra-pancreatic actions of taurine. Amino Acids, 2018, 50, 1511-1524.	1.2	28
47	Nighttime light exposure enhances Rev-erbÎ±-targeting microRNAs and contributes to hepatic steatosis. Metabolism: Clinical and Experimental, 2018, 85, 250-258.	1.5	19
48	Interleukin-6 increases the expression and activity of insulin-degrading enzyme. Scientific Reports, 2017, 7, 46750.	1.6	51
49	Protein malnutrition blunts the increment of taurine transporter expression by a highâ€fat diet and impairs taurine reestablishment of insulin secretion. FASEB Journal, 2017, 31, 4078-4087.	0.2	11
50	Propranolol treatment lowers blood pressure, reduces vascular inflammatory markers and improves endothelial function in obese mice. Pharmacological Research, 2017, 122, 35-45.	3.1	17
51	Protein malnutrition after weaning disrupts peripheral clock and daily insulin secretion in mice. Journal of Nutritional Biochemistry, 2017, 50, 54-65.	1.9	6
52	Bile acid TUDCA improves insulin clearance by increasing the expression of insulin-degrading enzyme in the liver of obese mice. Scientific Reports, 2017, 7, 14876.	1.6	34
53	Role of microRNAs on the Regulation of Mitochondrial Biogenesis and Insulin Signaling in Skeletal Muscle. Journal of Cellular Physiology, 2017, 232, 958-966.	2.0	23
54	The effects of 17 alpha-estradiol to inhibit inflammation in vitro. Biology of Sex Differences, 2017, 8, 30.	1.8	39

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55	Vagotomy Reduces Insulin Clearance in Obese Mice Programmed by Low-Protein Diet in the Adolescence. Neural Plasticity, 2017, 2017, 1-7.	1.0	5
56	Acute Exercise Improves Insulin Clearance and Increases the Expression of Insulin-Degrading Enzyme in the Liver and Skeletal Muscle of Swiss Mice. PLoS ONE, 2016, 11, e0160239.	1.1	36
57	Polyphenol-Rich Extract of Syzygium cumini Leaf Dually Improves Peripheral Insulin Sensitivity and Pancreatic Islet Function in Monosodium L-Glutamate-Induced Obese Rats. Frontiers in Pharmacology, 2016, 7, 48.	1.6	30
58	Protein malnutrition potentiates the amplifying pathway of insulin secretion in adult obese mice. Scientific Reports, 2016, 6, 33464.	1.6	11
59	Vagotomy diminishes obesity in cafeteria rats by decreasing cholinergic potentiation of insulin release. Journal of Physiology and Biochemistry, 2016, 72, 625-633.	1.3	24
60	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
61	Hyperinsulinemia caused by dexamethasone treatment is associated with reduced insulin clearance and lower hepatic activity of insulin-degrading enzyme. Journal of Steroid Biochemistry and Molecular Biology, 2016, 155, 1-8.	1.2	34
62	Synaptic input changes to spinal cord motoneurons correlate with motor control impairments in a type 1Âdiabetes mellitus model. Brain and Behavior, 2015, 5, e00372.	1.0	10
63	Short-term low-protein diet during pregnancy alters islet area and protein content of phosphatidylinositol 3-kinase pathway in rats. Anais Da Academia Brasileira De Ciencias, 2015, 87, 1007-1018.	0.3	5
64	Endurance Training Inhibits Insulin Clearance and IDE Expression in Swiss Mice. PLoS ONE, 2015, 10, e0118809.	1.1	10
65	Insulin replacement restores the vesicular secretory apparatus in the diabetic rat lacrimal gland. Arquivos Brasileiros De Oftalmologia, 2015, 78, 158-63.	0.2	16
66	Exercise increases pancreatic Î²â€cell viability in a model of type 1 diabetes through ILâ€6 signaling. FASEB Journal, 2015, 29, 1805-1816.	0.2	58
67	Enhanced glucose-induced intracellular signaling promotes insulin hypersecretion: Pancreatic beta-cell functional adaptations in a model of genetic obesity and prediabetes. Molecular and Cellular Endocrinology, 2015, 404, 46-55.	1.6	44
68	Leucine supplementation does not affect protein turnover and impairs the beneficial effects of endurance training on glucose homeostasis in healthy mice. Amino Acids, 2015, 47, 745-755.	1.2	13
69	Improvement in the expression of hepatic genes involved in fatty acid metabolism in obese rats supplemented with taurine. Life Sciences, 2015, 135, 15-21.	2.0	48
70	ARHGAP21 prevents abnormal insulin release through actin rearrangement in pancreatic islets from neonatal mice. Life Sciences, 2015, 127, 53-58.	2.0	6
71	Taurine supplementation ameliorates glucose homeostasis, prevents insulin and glucagon hypersecretion, and controls Î², Î±, and Î´-cell masses in genetic obese mice. Amino Acids, 2015, 47, 1533-1548.	1.2	48
72	Low-protein diet disrupts the crosstalk between the PKA and PKC signaling pathways in isolated pancreatic islets. Journal of Nutritional Biochemistry, 2015, 26, 556-562.	1.9	12

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73	Taurine supplementation preserves hypothalamic leptin action in normal and protein-restricted mice fed on a high-fat diet. Amino Acids, 2015, 47, 2419-2435.	1.2	26
74	Whey Protein Hydrolysate Enhances HSP90 but Does Not Alter HSP60 and HSP25 in Skeletal Muscle of Rats. PLoS ONE, 2014, 9, e83437.	1.1	11
75	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
76	Reduced insulin clearance and lower insulin-degrading enzyme expression in the liver might contribute to the thrifty phenotype of protein-restricted mice. British Journal of Nutrition, 2014, 112, 900-907.	1.2	15
77	AugmentedÎ²-Cell Function and Mass in Glucocorticoid-Treated Rodents Are Associated with Increased Islet Ir-Î²/AKT/mTOR and Decreased AMPK/ACC and AS160 Signaling. International Journal of Endocrinology, 2014, 2014, 1-14.	0.6	25
78	Nutritional recovery withokaradiet prevented hypercholesterolemia, hepatic steatosis and glucose intolerance. International Journal of Food Sciences and Nutrition, 2014, 65, 745-753.	1.3	6
79	Metabolic memory of ÃŸ-cells controls insulin secretion and is mediated by CaMKIIa. Molecular Metabolism, 2014, 3, 484-489.	3.0	21
80	Taurineâ€induced insulin signalling improvement of obese malnourished mice is associated with redox balance and protein phosphatases activity modulation. Liver International, 2014, 34, 771-783.	1.9	24
81	Melatonin prevents mitochondrial dysfunction and insulin resistance in rat skeletal muscle. Journal of Pineal Research, 2014, 57, 155-167.	3.4	87
82	Taurine supplementation increases KATP channel protein content, improving Ca2+ handling and insulin secretion in islets from malnourished mice fed on a high-fat diet. Amino Acids, 2014, 46, 2123-2136.	1.2	32
83	Pancreatic Alpha-Cell Dysfunction Contributes to the Disruption of Glucose Homeostasis and Compensatory Insulin Hypersecretion in Glucocorticoid-Treated Rats. PLoS ONE, 2014, 9, e93531.	1.1	34
84	Taurine Supplementation Reduces Blood Pressure and Prevents Endothelial Dysfunction and Oxidative Stress in Post-Weaning Protein-Restricted Rats. PLoS ONE, 2014, 9, e105851.	1.1	48
85	Impaired muscarinic type 3 (M3) receptor/PKC and PKA pathways in islets from MSG-obese rats. Molecular Biology Reports, 2013, 40, 4521-4528.	1.0	19
86	Whey protein hydrolysate enhances the exercise-induced heat shock protein (HSP70) response in rats. Food Chemistry, 2013, 136, 1350-1357.	4.2	33
87	Taurine supplementation improves liver glucose control in normal protein and malnourished mice fed a highâ€fat diet. Molecular Nutrition and Food Research, 2013, 57, 423-434.	1.5	72
88	Protein restriction in early life is associated with changes in insulin sensitivity and pancreatic Î²-cell function during pregnancy. British Journal of Nutrition, 2013, 109, 236-247.	1.2	11
89	Whey Protein Hydrolysate Increases Translocation of GLUT-4 to the Plasma Membrane Independent of Insulin in Wistar Rats. PLoS ONE, 2013, 8, e71134.	1.1	43
90	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). FASEB Journal, 2013, 27, lb301.	0.2	0

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91	Endurance training stimulates growth and survival pathways and the redox balance in rat pancreatic islets. Journal of Applied Physiology, 2012, 112, 711-718.	1.2	23
92	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. British Journal of Nutrition, 2012, 108, 1042-1051.	1.2	4
93	Ciliary Neurotrophic Factor Protects Mice Against Streptozotocin-induced Type 1 Diabetes through SOCS3. Journal of Biological Chemistry, 2012, 287, 41628-41639.	1.6	20
94	Enhanced insulin secretion and glucose tolerance in rats exhibiting low plasma free fatty acid levels and hypertriglyceridaemia due to congenital albumin deficiency. Experimental Physiology, 2012, 97, 525-533.	0.9	3
95	Decreased Î²â€cell insulin secretory function in aged rats due to impaired Ca²⁺ handling. Experimental Physiology, 2012, 97, 1065-1073.	0.9	10
96	Taurine supplementation prevents morpho-physiological alterations in high-fat diet mice pancreatic Î²-cells. Amino Acids, 2012, 43, 1791-1801.	1.2	64
97	Altered Glucose Homeostasis and Hepatic Function in Obese Mice Deficient for Both Kinin Receptor Genes. PLoS ONE, 2012, 7, e40573.	1.1	26
98	A lowâ€protein diet during pregnancy alters glucose metabolism and insulin secretion. Cell Biochemistry and Function, 2012, 30, 114-121.	1.4	14
99	Taurine enhances the anorexigenic effects of insulin in the hypothalamus of rats. Amino Acids, 2012, 42, 2403-2410.	1.2	40
100	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. Journal of Nutritional Biochemistry, 2012, 23, 306-312.	1.9	39
101	Decreased insulin secretion in islets from protein malnourished rats is associated with impaired glutamate dehydrogenase function: effect of leucine supplementation. Metabolism: Clinical and Experimental, 2012, 61, 721-732.	1.5	12
102	Short-Term Treatment with Bisphenol-A Leads to Metabolic Abnormalities in Adult Male Mice. PLoS ONE, 2012, 7, e33814.	1.1	150
103	Pancreatic islets from dexamethasone-treated rats show alterations inâ€˜global gene expression and mitochondrial pathways. General Physiology and Biophysics, 2012, 31, 65-76.	0.4	17
104	ENDURANCE TRAINING ACTIVATES PANCREATIC ISLETS AMP-ACTIVATED KINASE-UNCOUPLING PROTEIN 2 PATHWAY AND REDUCES INSULIN SECRETION. Journal of Endocrinology, 2011, 208, 257-64.	1.2	51
105	Lower expression of PKAÎ± impairs insulin secretion in islets isolated from low-density lipoprotein receptor (LDLRâ^'/â^') knockout mice. Metabolism: Clinical and Experimental, 2011, 60, 1158-1164.	1.5	8
106	Exercise training enhances rat pancreatic islets anaplerotic enzymes content despite reduced insulin secretion. European Journal of Applied Physiology, 2011, 111, 2369-2374.	1.2	13
107	Mechanisms of insulin secretion in malnutrition: modulation by amino acids in rodent models. Amino Acids, 2011, 40, 1027-1034.	1.2	25
108	Taurine prevents fat deposition and ameliorates plasma lipid profile in monosodium glutamate-obese rats. Amino Acids, 2011, 41, 901-908.	1.2	71

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109	Reduced expression of SIRT1 is associated with diminished glucose-induced insulin secretion in islets from calorie-restricted rats. Journal of Nutritional Biochemistry, 2011, 22, 554-559.	1.9	21
110	N-acetylcysteine protects pancreatic islet against glucocorticoid toxicity. Redox Report, 2011, 16, 173-180.	1.4	18
111	Lack of plasma albumin enhances glucose tolerance and insulin secretion. FASEB Journal, 2011, 25, lb534.	0.2	0
112	Insulin signaling proteins in pancreatic islets of insulin-resistant rats induced by glucocorticoid. Biological Research, 2011, 44, 251-7.	1.5	3
113	Leucine Supplementation Augments Insulin Secretion in Pancreatic Islets of Malnourished Mice. Pancreas, 2010, 39, 847-855.	0.5	23
114	Insulin release, peripheral insulin resistance and muscle function in protein malnutrition: a role of tricarboxylic acid cycle anaplerosis. British Journal of Nutrition, 2010, 103, 1237-1250.	1.2	14
115	Taurine supplementation: involvement of cholinergic/phospholipase C and protein kinase A pathways in potentiation of insulin secretion and Ca²⁺handling in mouse pancreatic islets. British Journal of Nutrition, 2010, 104, 1148-1155.	1.2	48
116	Augmentation of insulin secretion by leucine supplementation in malnourished rats: possible involvement of the phosphatidylinositol 3-phosphate kinase/mammalian target protein of rapamycin pathway. Metabolism: Clinical and Experimental, 2010, 59, 635-644.	1.5	41
117	Preliminary report: Leucine supplementation enhances glutamate dehydrogenase expression and restores glucose-induced insulin secretion in protein-malnourished rats. Metabolism: Clinical and Experimental, 2010, 59, 911-913.	1.5	14
118	Soybean diet alters the insulin-signaling pathway in the liver of rats recovering from early-life malnutrition. Nutrition, 2010, 26, 441-448.	1.1	12
119	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
120	Inhibitory Effects of Leptin on Pancreatic Î±-Cell Function. Diabetes, 2009, 58, 1616-1624.	0.3	68
121	Soybean diet modulates acetyl-coenzyme A carboxylase expression in livers of rats recovering from early-life malnutrition. Nutrition, 2009, 25, 774-781.	1.1	8
122	Protection of insulin-producing cells against toxicity of dexamethasone by catalase overexpression. Free Radical Biology and Medicine, 2009, 47, 1386-1393.	1.3	20
123	Taurine supplementation enhances nutrientâ€induced insulin secretion in pancreatic mice islets. Diabetes/Metabolism Research and Reviews, 2009, 25, 370-379.	1.7	60
124	Taurine supplementation modulates glucose homeostasis and islet function. Journal of Nutritional Biochemistry, 2009, 20, 503-511.	1.9	122
125	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. Journal of Nutritional Biochemistry, 2008, 19, 85-90.	1.9	9
126	Soybean diet improves insulin secretion through activation of cAMP/PKA pathway in ratsâ˜†. Journal of Nutritional Biochemistry, 2008, 19, 778-784.	1.9	21

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127	Nicotinamide induces differentiation of embryonic stem cells into insulin-secreting cells. Experimental Cell Research, 2008, 314, 969-974.	1.2	52
128	The antiulcer effect of Croton cajucara Benth in normoproteic and malnourished rats. Phytomedicine, 2008, 15, 815-825.	2.3	9
129	Nutritional recovery with a soybean flour diet improves the insulin response to a glucose load without modifying glucose homeostasis. Nutrition, 2008, 24, 76-83.	1.1	19
130	Dexamethasone treatment in vivo counteracts the functional pancreatic islet alterations caused by malnourishment in rats. Metabolism: Clinical and Experimental, 2008, 57, 617-624.	1.5	27
131	Impaired insulin secretion and decreased expression of the nutritionally responsive ribosomal kinase protein S6K-1 in pancreatic islets from malnourished rats. Life Sciences, 2008, 82, 542-548.	2.0	24
132	INGAP-PP up-regulates the expression of genes and proteins related to K+ATP channels and ameliorates Ca2+ handling in cultured adult rat islets. Regulatory Peptides, 2008, 148, 39-45.	1.9	18
133	An Extra-Virgin Olive Oil Rich in Polyphenolic Compounds Has Antioxidant Effects in Of1 Mice. Journal of Nutrition, 2008, 138, 1074-1078.	1.3	43
134	Inhibition of UCP2 expression reverses dietâ€induced diabetes mellitus by effects on both insulin secretion and action. FASEB Journal, 2007, 21, 1153-1163.	0.2	78
135	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. British Journal of Nutrition, 2006, 96, 1006-1012.	1.2	6
136	Glucose Induces Opposite Intracellular Ca2+Concentration Oscillatory Patterns in Identified Î±- and Î²-Cells Within Intact Human Islets of Langerhans. Diabetes, 2006, 55, 2463-2469.	0.3	89
137	Increased expression of SNARE proteins and synaptotagmin IV in islets from pregnant rats and in vitro prolactin-treated neonatal islets. Biological Research, 2006, 39, 555-66.	1.5	16
138	Low-Protein Diets Reduce PKAÎ± Expression in Islets from Pregnant Rats. Journal of Nutrition, 2005, 135, 1873-1878.	1.3	19
139	A new C-type animal lectin isolated from Bothrops pirajai is responsible for the snake venom major effects in the isolated kidney. International Journal of Biochemistry and Cell Biology, 2005, 37, 130-141.	1.2	31
140	Characterization of the insulinotropic action of a phospholipase A2 isolated from Crotalus durissus collilineatus rattlesnake venom on rat pancreatic islets. Toxicon, 2005, 45, 243-248.	0.8	15
141	Decreased Insulin Secretion in Islets from Rats Fed a Low Protein Diet Is Associated with a Reduced PKAÎ± Expression. Journal of Nutrition, 2004, 134, 63-67.	1.3	40
142	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
143	A Low Protein Diet Alters Gene Expression in Rat Pancreatic Islets. Journal of Nutrition, 2004, 134, 321-327.	1.3	33
144	Cold Exposure Induces Tissueâ€Specific Modulation of the Insulinâ€Signalling Pathway in Rattus Norvegicus. Journal of Physiology, 2003, 552, 149-162.	1.3	70

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145	Participation of Na+ channels in the potentiation by Tityus serrulatus Î±-toxin TsTx-V of glucose-induced electrical activity and insulin secretion in rodent islet Î²-cells. Toxicon, 2003, 41, 1039-1045.	0.8	17
146	Decreased Cholinergic Stimulation of Insulin Secretion by Islets from Rats Fed a Low Protein Diet Is Associated with Reduced Protein Kinase CÎ± Expression. Journal of Nutrition, 2003, 133, 695-699.	1.3	34
147	Subsensitivity to insulin in adipocytes from rats submitted to foot-shock stress. Canadian Journal of Physiology and Pharmacology, 2002, 80, 783-789.	0.7	21
148	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
149	Expression of PDX-1 Is Reduced in Pancreatic Islets from Pups of Rat Dams Fed a Low Protein Diet during Gestation and Lactation. Journal of Nutrition, 2002, 132, 3030-3035.	1.3	48
150	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
151	Magnesium deficiency improves glucose homeostasis in the rat: studiesin vivoand in isolated isletsin vitro. British Journal of Nutrition, 2001, 85, 549-552.	1.2	5
152	Low protein diet confers resistance to the inhibitory effects of interleukin 1Î² on insulin secretion in pancreatic isletsâ˜†. Journal of Nutritional Biochemistry, 2001, 12, 285-291.	1.9	7
153	Isolation and characterization of a convulxin-like protein from Crotalus durissus collilineatus venom. The Protein Journal, 2001, 20, 585-591.	1.1	15
154	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
155	Protein deficiency during pregnancy and lactation impairs glucose-induced insulin secretion but increases the sensitivity to insulin in weaned rats. British Journal of Nutrition, 1998, 80, 291-297.	1.2	42
156	DescriÃ§Ã£o de dieta purificada para induÃ§Ã£o de quadro de desnutriÃ§Ã£o protÃ©ica em ratos. Revista Brasileira De Medicina Do Esporte, 1998, 4, 9-12.	0.1	3
157	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. Journal of Nutrition, 1997, 127, 403-410.	1.3	53
158	Low protein diet impairs glucose-induced insulin secretion from and 45Ca uptake by pancreatic rat islets. Journal of Nutritional Biochemistry, 1995, 6, 314-318.	1.9	27
159	Prolactin treatment increases GLUT2 but not the G protein subunit content in cell membranes from cultured neonatal rat islets. FEBS Letters, 1994, 343, 137-140.	1.3	12
160	Differences in K+ Permeability Between Cultured Adult and Neonatal Rat Islets of Langerhans in Response to Glucose, Tolbutamide, Diazoxide, and Theophylline. Pancreas, 1993, 8, 44-49.	0.5	4