

# Carlos A Mandarim-De-Lacerda

## List of Publications by Citations

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|--------------------|-------------------------|----------------|-----------------|
| 287<br>papers      | 5,598<br>citations      | 37<br>h-index  | 59<br>g-index   |
| 307<br>ext. papers | 6,281<br>ext. citations | 3.2<br>avg, IF | 6.03<br>L-index |

| #   | Paper   | IF  | Citations |
|-----|---|-----|-----------|
| 287 | Stereological tools in biomedical research. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2003</b> , 75, 469-86  | 1.4 | 377       |
| 286 | A Mouse Model of Metabolic Syndrome: Insulin Resistance, Fatty Liver and Non-Alcoholic Fatty Pancreas Disease (NAFPD) in C57BL/6 Mice Fed a High Fat Diet. <i>Journal of Clinical Biochemistry and Nutrition</i> , <b>2010</b> , 46, 212-23               | 3.1 | 266       |
| 285 | Protein restriction during gestation and/or lactation causes adverse transgenerational effects on biometry and glucose metabolism in F1 and F2 progenies of rats. <i>Clinical Science</i> , <b>2008</b> , 114, 381-92                                     | 6.5 | 106       |
| 284 | Comparative effects of telmisartan, sitagliptin and metformin alone or in combination on obesity, insulin resistance, and liver and pancreas remodelling in C57BL/6 mice fed on a very high-fat diet. <i>Clinical Science</i> , <b>2010</b> , 119, 239-50 | 6.5 | 103       |
| 283 | Vascularization pattern in hypertrophic scars and keloids: a stereological analysis. <i>Pathology Research and Practice</i> , <b>2003</b> , 199, 469-73   | 3.4 | 92        |
| 282 | A critical analysis of three quantitative methods of assessment of hepatic steatosis in liver biopsies. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2011</b> , 459, 477-85                           | 5.1 | 90        |
| 281 | Fenofibrate (PPARalpha agonist) induces beige cell formation in subcutaneous white adipose tissue from diet-induced male obese mice. <i>Molecular and Cellular Endocrinology</i> , <b>2015</b> , 402, 86-94   | 4.4 | 89        |
| 280 | Effects of high-fat diet on plasma lipids, adiposity, and inflammatory markers in ovariectomized C57BL/6 mice. <i>Nutrition</i> , <b>2012</b> , 28, 316-23  | 4.8 | 76        |
| 279 | Maternal high-fat intake predisposes nonalcoholic fatty liver disease in C57BL/6 offspring. <i>American Journal of Obstetrics and Gynecology</i> , <b>2010</b> , 203, 495.e1-8  | 6.4 | 74        |
| 278 | Hepatic adverse effects of fructose consumption independent of overweight/obesity. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 21873-86  | 6.3 | 73        |
| 277 | Weight cycling enhances adipose tissue inflammatory responses in male mice. <i>PLoS ONE</i> , <b>2012</b> , 7, e39833   | 3.7 | 67        |
| 276 | Mice fed fish oil diet and upregulation of brown adipose tissue thermogenic markers. <i>European Journal of Nutrition</i> , <b>2016</b> , 55, 159-69  | 5.2 | 63        |
| 275 | Browning of white adipose tissue: lessons from experimental models. <i>Hormone Molecular Biology and Clinical Investigation</i> , <b>2017</b> , 31,   | 1.3 | 59        |
| 274 | Image analysis and quantitative morphology. <i>Methods in Molecular Biology</i> , <b>2010</b> , 611, 211-25   | 1.4 | 59        |
| 273 | Pan-PPAR agonist beneficial effects in overweight mice fed a high-fat high-sucrose diet. <i>Nutrition</i> , <b>2009</b> , 25, 818-27  | 4.8 | 58        |
| 272 | Modulation of cytokines, resistin, and distribution of adipose tissue in C57BL/6 mice by different high-fat diets. <i>Nutrition</i> , <b>2012</b> , 28, 212-9   | 4.8 | 56        |
| 271 | Peroxisome proliferator-activated receptors-alpha and gamma are targets to treat offspring from maternal diet-induced obesity in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e64258  | 3.7 | 54        |

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| 270 | Effects of a diet rich in n-3 polyunsaturated fatty acids on hepatic lipogenesis and beta-oxidation in mice. <i>Lipids</i> , <b>2014</b> , 49, 431-44   | 1.6 | 53 |
| 269 | Beneficial effects of rosuvastatin on insulin resistance, adiposity, inflammatory markers and non-alcoholic fatty liver disease in mice fed on a high-fat diet. <i>Clinical Science</i> , <b>2012</b> , 123, 259-70                 | 6.5 | 53 |
| 268 | Renin-angiotensin system blockers protect pancreatic islets against diet-induced obesity and insulin resistance in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e67192  | 3.7 | 52 |
| 267 | Brown adipose tissue: Updates in cellular and molecular biology. <i>Tissue and Cell</i> , <b>2016</b> , 48, 452-60  | 2.7 | 50 |
| 266 | Beneficial effects of exercise training (treadmill) on insulin resistance and nonalcoholic fatty liver disease in high-fat fed C57BL/6 mice. <i>Brazilian Journal of Medical and Biological Research</i> , <b>2010</b> , 43, 467-75 | 2.8 | 49 |
| 265 | 3-Dimensional and radiological pelvicaliceal anatomy for endourology. <i>Journal of Urology</i> , <b>1988</b> , 140, 1352-5   | 2.5 | 49 |
| 264 | Numerical density of cardiomyocytes in chronic nitric oxide synthesis inhibition. <i>Pathobiology</i> , <b>2000</b> , 68, 36-42   | 3.6 | 44 |
| 263 | Transgenerational endocrine pancreatic adaptation in mice from maternal protein restriction in utero. <i>Mechanisms of Ageing and Development</i> , <b>2011</b> , 132, 110-6  | 5.6 | 43 |
| 262 | Deleterious effects of high-fat diet on perinatal and postweaning periods in adult rat offspring. <i>Clinical Nutrition</i> , <b>2008</b> , 27, 623-34  | 5.9 | 43 |
| 261 | Dietary effect of different high-fat diet on rat liver stereology. <i>Liver International</i> , <b>2003</b> , 23, 363-70  | 7.9 | 42 |
| 260 | Thermogenesis, fatty acid synthesis with oxidation, and inflammation in the brown adipose tissue of ob/ob (-/-) mice. <i>Annals of Anatomy</i> , <b>2017</b> , 210, 44-51   | 2.9 | 41 |
| 259 | Rosiglitazone aggravates nonalcoholic Fatty pancreatic disease in C57BL/6 mice fed high-fat and high-sucrose diet. <i>Pancreas</i> , <b>2009</b> , 38, e80-6  | 2.6 | 41 |
| 258 | Malnutrition during lactation in rats is associated with higher expression of leptin receptor in the pituitary of adult offspring. <i>Nutrition</i> , <b>2004</b> , 20, 924-8   | 4.8 | 41 |
| 257 | Beneficial effect of simvastatin and pravastatin treatment on adverse cardiac remodelling and glomeruli loss in spontaneously hypertensive rats. <i>Clinical Science</i> , <b>2005</b> , 108, 349-55                                | 6.5 | 41 |
| 256 | Hepatic structural alteration in adult programmed offspring (severe maternal protein restriction) is aggravated by post-weaning high-fat diet. <i>British Journal of Nutrition</i> , <b>2007</b> , 98, 1159-69                      | 3.6 | 40 |
| 255 | Heart and blood pressure adaptations in Wistar rats fed with different high-fat diets for 18 months. <i>Nutrition</i> , <b>2003</b> , 19, 347-52  | 4.8 | 40 |
| 254 | Maternal gestational protein-calorie restriction decreases the number of glomeruli and causes glomerular hypertrophy in adult hypertensive rats. <i>American Journal of Obstetrics and Gynecology</i> , <b>2005</b> , 192, 945-51   | 6.4 | 40 |
| 253 | Maternal high-fat diet programs for metabolic disturbances in offspring despite leptin sensitivity. <i>Neuroendocrinology</i> , <b>2012</b> , 96, 272-84  | 5.6 | 39 |

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|-----|--|-----|----|
| 252 | Programming of obesity and comorbidities in the progeny: lessons from a model of diet-induced obese parents. <i>PLoS ONE</i> , <b>2015</b> , 10, e0124737  | 3.7 | 39 |
| 251 | The effect of thiamine deficiency on inflammation, oxidative stress and cellular migration in an experimental model of sepsis. <i>Journal of Inflammation</i> , <b>2014</b> , 11, 11   | 6.7 | 37 |
| 250 | A high-fish-oil diet prevents adiposity and modulates white adipose tissue inflammation pathways in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2015</b> , 26, 960-9   | 6.3 | 37 |
| 249 | Photorejuvenation with topical methyl aminolevulinate and red light: a randomized, prospective, clinical, histopathologic, and morphometric study. <i>Dermatologic Surgery</i> , <b>2010</b> , 36, 39-48                               | 1.7 | 37 |
| 248 | Maternal protein restriction in mice causes adverse metabolic and hypothalamic effects in the F1 and F2 generations. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1364-73  | 3.6 | 36 |
| 247 | Swimming training beneficial effects in a mice model of nonalcoholic fatty liver disease. <i>Experimental and Toxicologic Pathology</i> , <b>2012</b> , 64, 273-82   |     | 35 |
| 246 | Pregestational maternal obesity impairs endocrine pancreas in male F1 and F2 progeny. <i>Nutrition</i> , <b>2015</b> , 31, 380-7   | 4.8 | 34 |
| 245 | An early fish oil-enriched diet reverses biochemical, liver and adipose tissue alterations in male offspring from maternal protein restriction in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2011</b> , 22, 1009-14         | 6.3 | 34 |
| 244 | Plastic changes induced by neonatal handling in the hypothalamus of female rats. <i>Brain Research</i> , <b>2007</b> , 1170, 20-30   | 3.7 | 34 |
| 243 | Maternal vitamin D deficiency delays glomerular maturity in F1 and F2 offspring. <i>PLoS ONE</i> , <b>2012</b> , 7, e41340   | 3.7 | 33 |
| 242 | Left ventricular hypertrophy induced by overnutrition early in life. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2009</b> , 19, 805-10   | 4.5 | 33 |
| 241 | Adipose tissue, liver and pancreas structural alterations in C57BL/6 mice fed high-fat-high-sucrose diet supplemented with fish oil (n-3 fatty acid rich oil). <i>Experimental and Toxicologic Pathology</i> , <b>2010</b> , 62, 17-25 |     | 33 |
| 240 | PPAR- $\delta$ agonist elicits metabolically active brown adipocytes and weight loss in diet-induced obese mice. <i>Cell Biochemistry and Function</i> , <b>2015</b> , 33, 249-56  | 4.2 | 32 |
| 239 | Sexual dimorphism in fat distribution and metabolic profile in mice offspring from diet-induced obese mothers. <i>Life Sciences</i> , <b>2013</b> , 93, 454-63   | 6.8 | 32 |
| 238 | Anti-obesogenic effects of WY14643 (PPAR-alpha agonist): Hepatic mitochondrial enhancement and suppressed lipogenic pathway in diet-induced obese mice. <i>Biochimie</i> , <b>2017</b> , 140, 106-116                                  | 4.6 | 32 |
| 237 | Exercise training attenuates cardiovascular adverse remodeling in adult ovariectomized spontaneously hypertensive rats. <i>Menopause</i> , <b>2006</b> , 13, 87-95   | 2.5 | 32 |
| 236 | Mast cells in tissue response to dentistry materials: an adhesive resin, a calcium hydroxide and a glass ionomer cement. <i>Journal of Cellular and Molecular Medicine</i> , <b>2003</b> , 7, 171-8                                    | 5.6 | 32 |
| 235 | Singular effects of PPAR agonists on nonalcoholic fatty liver disease of diet-induced obese mice. <i>Life Sciences</i> , <b>2015</b> , 127, 73-81  | 6.8 | 31 |

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| 234 | The inflammatory profile and liver damage of a sucrose-rich diet in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2014</b> , 25, 193-200  | 6.3 | 31 |
| 233 | Beneficial effects of physical exercise on hypertension and cardiovascular adverse remodeling of diet-induced obese rats. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , <b>2007</b> , 17, 365-75   | 4.5 | 31 |
| 232 | Anatomic Classification of the Kidney Collecting System for Endourologic Procedures. <i>Journal of Endourology</i> , <b>1988</b> , 2, 247-251   | 2.7 | 31 |
| 231 | Obese fathers lead to an altered metabolism and obesity in their children in adulthood: review of experimental and human studies. <i>Jornal De Pediatria</i> , <b>2017</b> , 93, 551-559  | 2.6 | 30 |
| 230 | Exercise training enhances elastin, fibrillin and nitric oxide in the aorta wall of spontaneously hypertensive rats. <i>Experimental and Molecular Pathology</i> , <b>2010</b> , 89, 351-7  | 4.4 | 30 |
| 229 | Differences and similarities in hepatic lipogenesis, gluconeogenesis and oxidative imbalance in mice fed diets rich in fructose or sucrose. <i>Food and Function</i> , <b>2015</b> , 6, 1684-91   | 6.1 | 29 |
| 228 | High-intensity interval training beneficial effects on body mass, blood pressure, and oxidative stress in diet-induced obesity in ovariectomized mice. <i>Life Sciences</i> , <b>2015</b> , 139, 75-82  | 6.8 | 29 |
| 227 | Favorable cardiac and aortic remodeling in olmesartan-treated spontaneously hypertensive rats. <i>Heart and Vessels</i> , <b>2009</b> , 24, 219-27  | 2.1 | 29 |
| 226 | Oral isotretinoin in photoaging: clinical and histopathological evidence of efficacy of an off-label indication. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2009</b> , 23, 115-23   | 4.6 | 29 |
| 225 | Effects of long-term intake of edible oils on hypertension and myocardial and aortic remodelling in spontaneously hypertensive rats. <i>Journal of Hypertension</i> , <b>2004</b> , 22, 921-9   | 1.9 | 29 |
| 224 | Maternal obesity during the preconception and early life periods alters pancreatic development in early and adult life in male mouse offspring. <i>PLoS ONE</i> , <b>2013</b> , 8, e55711   | 3.7 | 29 |
| 223 | Different edible oil beneficial effects (canola oil, fish oil, palm oil, olive oil, and soybean oil) on spontaneously hypertensive rat glomerular enlargement and glomeruli number. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2005</b> , 76, 74-85 | 3.7 | 28 |
| 222 | Foot length growth related to crown-rump length, gestational age and weight in human staged fresh fetuses. An index for anatomical and medical use. <i>Surgical and Radiologic Anatomy</i> , <b>1990</b> , 12, 103-7 <sup>1.4</sup>                           |     | 28 |
| 221 | High fat diets modulate nitric oxide biosynthesis and antioxidant defence in red blood cells from C57BL/6 mice. <i>Archives of Biochemistry and Biophysics</i> , <b>2010</b> , 499, 56-61   | 4.1 | 27 |
| 220 | Stereology and immunohistochemistry of the myocardium in experimental hypertension: long-term and low-dosage administration of inhibitor of the nitric oxide synthesis. <i>Pathobiology</i> , <b>1999</b> , 67, 26-33   | 3.6 | 27 |
| 219 | Effects of liraglutide in hypothalamic arcuate nucleus of obese mice. <i>Obesity</i> , <b>2016</b> , 24, 626-33   | 8   | 27 |
| 218 | Exercise training attenuates blood pressure elevation and adverse remodeling in the aorta of spontaneously hypertensive rats. <i>Life Sciences</i> , <b>2005</b> , 77, 3336-43  | 6.8 | 26 |
| 217 | The insulin-signaling pathway of the pancreatic islet is impaired in adult mice offspring of mothers fed a high-fat diet. <i>Nutrition</i> , <b>2016</b> , 32, 1138-43  | 4.8 | 25 |

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| 216 | Fish oil has beneficial effects on allergen-induced airway inflammation and hyperreactivity in mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e75059   | 3.7 | 25 |
| 215 | Hypertension and kidney alterations in rat offspring from low protein pregnancies. <i>Journal of Hypertension</i> , <b>2009</b> , 27, S47-51   | 1.9 | 25 |
| 214 | Effects of chronic high fat diets on renal function and cortical structure in rats. <i>Experimental and Toxicologic Pathology</i> , <b>2003</b> , 55, 187-95   |     | 25 |
| 213 | Blood pressure, ventricular volume and number of cardiomyocyte nuclei in rats fed for 12 months on diets differing in fat composition. <i>Mechanisms of Ageing and Development</i> , <b>2001</b> , 122, 77-88                        | 5.6 | 25 |
| 212 | Liver and Metformin: Lessons of a fructose diet in mice. <i>Biochimie Open</i> , <b>2017</b> , 4, 19-30  | 0   | 24 |
| 211 | Short-term administration of GW501516 improves inflammatory state in white adipose tissue and liver damage in high-fructose-fed mice through modulation of the renin-angiotensin system. <i>Endocrine</i> , <b>2015</b> , 50, 355-67 | 4   | 24 |
| 210 | Fish oil diet modulates epididymal and inguinal adipocyte metabolism in mice. <i>Food and Function</i> , <b>2016</b> , 7, 1468-76  | 6.1 | 24 |
| 209 | Differential actions of PPAR- $\alpha$ and PPAR- $\gamma$ on beige adipocyte formation: A study in the subcutaneous white adipose tissue of obese male mice. <i>PLoS ONE</i> , <b>2018</b> , 13, e0191365                            | 3.7 | 24 |
| 208 | Developmental origins of health and disease: experimental and human evidence of fetal programming for metabolic syndrome. <i>Journal of Human Hypertension</i> , <b>2012</b> , 26, 405-19  | 2.6 | 24 |
| 207 | Maternal fish oil supplementation benefits programmed offspring from rat dams fed low-protein diet. <i>American Journal of Obstetrics and Gynecology</i> , <b>2008</b> , 199, 82.e1-7  | 6.4 | 24 |
| 206 | Early renal structure alteration in rat offspring from dams fed low protein diet. <i>Life Sciences</i> , <b>2006</b> , 79, 2128-34   | 6.8 | 24 |
| 205 | Maternal high-fat diet is associated with altered pancreatic remodelling in mice offspring. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 759-69  | 5.2 | 23 |
| 204 | Apoptosis induction of cardiomyocytes and subsequent fibrosis after irradiation and neoadjuvant chemotherapy. <i>International Journal of Radiation Biology</i> , <b>2014</b> , 90, 284-90   | 2.9 | 23 |
| 203 | Beneficial effects of intermittent fasting on steatosis and inflammation of the liver in mice fed a high-fat or a high-fructose diet. <i>Nutrition</i> , <b>2019</b> , 65, 103-112   | 4.8 | 22 |
| 202 | Metformin enhances mitochondrial biogenesis and thermogenesis in brown adipocytes of mice. <i>Biomedicine and Pharmacotherapy</i> , <b>2019</b> , 111, 1156-1165   | 7.5 | 22 |
| 201 | Beneficial effects of liraglutide (GLP1 analog) in the hippocampal inflammation. <i>Metabolic Brain Disease</i> , <b>2017</b> , 32, 1735-1745  | 3.9 | 22 |
| 200 | Pancreatic ultrastructural enhancement due to telmisartan plus sitagliptin treatment in diet-induced obese C57BL/6 mice. <i>Pancreas</i> , <b>2011</b> , 40, 715-22  | 2.6 | 21 |
| 199 | Stereology of the myocardium in human foetuses. <i>Early Human Development</i> , <b>1997</b> , 48, 249-59  | 2.2 | 21 |



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| 198 | Adverse effect of the anabolic-androgenic steroid mesterolone on cardiac remodelling and lipoprotein profile is attenuated by aerobic exercise training. <i>International Journal of Experimental Pathology</i> , <b>2008</b> , 89, 358-66  | 2.8 | 21 |
| 197 | Influence of the chronic nitric oxide synthesis inhibition on cardiomyocytes number. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , <b>2000</b> , 437, 667-74                                | 5.1 | 21 |
| 196 | Early hepatic insult in the offspring of obese maternal mice. <i>Nutrition Research</i> , <b>2015</b> , 35, 136-45  | 4   | 20 |
| 195 | Long-term intake of edible oils benefits blood pressure and myocardial structure in spontaneously hypertensive rat (SHR) and streptozotocin diabetic SHR. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2005</b> , 78, 231-48        | 3.7 | 20 |
| 194 | Combined parental obesity augments single-parent obesity effects on hypothalamus inflammation, leptin signaling (JAK/STAT), hyperphagia, and obesity in the adult mice offspring. <i>Physiology and Behavior</i> , <b>2016</b> , 153, 47-55 | 3.5 | 19 |
| 193 | Vitamin D Deficiency Increases Lipogenesis and Reduces Beta-Oxidation in the Liver of Diet-Induced Obese Mice. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2018</b> , 64, 106-115   | 1.1 | 19 |
| 192 | Enhanced pan-peroxisome proliferator-activated receptor gene and protein expression in adipose tissue of diet-induced obese mice treated with telmisartan. <i>Experimental Physiology</i> , <b>2014</b> , 99, 1663-78                       | 2.4 | 19 |
| 191 | Pleiotropic effects of rosuvastatin on the glucose metabolism and the subcutaneous and visceral adipose tissue behavior in C57BL/6 mice. <i>Diabetology and Metabolic Syndrome</i> , <b>2013</b> , 5, 32                                    | 5.6 | 19 |
| 190 | Eicosapentaenoic acid (EPA) vs. Docosahexaenoic acid (DHA): Effects in epididymal white adipose tissue of mice fed a high-fructose diet. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , <b>2017</b> , 123, 14-24            | 2.8 | 19 |
| 189 | Spontaneously hypertensive rats left ventricular cardiomyocyte loss attenuation through different edible oils long-term intake. <i>International Journal of Cardiology</i> , <b>2005</b> , 100, 461-6                                       | 3.2 | 19 |
| 188 | Hepatic stereology of Schistosomiasis mansoni infected-mice fed a high-fat diet. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2006</b> , 101 Suppl 1, 253-60  | 2.6 | 19 |
| 187 | Quantitative study of the comma-shaped body, S-shaped body and vascularized glomerulus in the second and third human gestational trimesters. <i>Early Human Development</i> , <b>2002</b> , 69, 1-13  | 2.2 | 19 |
| 186 | Tips for Studies with Quantitative Morphology (Morphometry and Stereology). <i>International Journal of Morphology</i> , <b>2017</b> , 35, 1482-1494  | 0.5 | 18 |
| 185 | GW0742 (PPAR-beta agonist) attenuates hepatic endoplasmic reticulum stress by improving hepatic energy metabolism in high-fat diet fed mice. <i>Molecular and Cellular Endocrinology</i> , <b>2018</b> , 474, 227-237                       | 4.4 | 18 |
| 184 | Parathyroid glands: combination of sestamibi-(99m)Tc scintigraphy and ultrasonography for demonstration of hyperplasic parathyroid glands. <i>Revista Española De Medicina Nuclear</i> , <b>2008</b> , 27, 8-12                             |     | 18 |
| 183 | Mercury in the sea turtle <i>Chelonia mydas</i> (Linnaeus, 1958) from Ceará coast, NE Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , <b>2012</b> , 84, 123-128   | 1.4 | 18 |
| 182 | Effect of telmisartan on preexistent cardiac and renal lesions in spontaneously hypertensive mature rats. <i>Histology and Histopathology</i> , <b>2004</b> , 19, 727-33  | 1.4 | 18 |
| 181 | Comparative effects of the renin-angiotensin system blockers on nonalcoholic fatty liver disease and insulin resistance in C57BL/6 mice. <i>Metabolic Syndrome and Related Disorders</i> , <b>2014</b> , 12, 191-201                        | 2.6 | 17 |

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|-----|---|-----|----|
| 180 | Transgenerational effects on the liver and pancreas resulting from maternal vitamin D restriction in mice. <i>Journal of Nutritional Science and Vitaminology</i> , <b>2013</b> , 59, 367-74  | 1.1 | 17 |
| 179 | Atorvastatin attenuates cardiomyocyte loss in adult rats from protein-restricted dams. <i>Journal of Cardiac Failure</i> , <b>2008</b> , 14, 151-60   | 3.3 | 17 |
| 178 | Long-term feeding a high-fat diet causes histological and parasitological effects on murine schistosomiasis mansoni outcome. <i>Experimental Parasitology</i> , <b>2007</b> , 115, 324-32   | 2.1 | 17 |
| 177 | Adult cardiorenal benefits from postnatal fish oil supplement in rat offspring of low-protein pregnancies. <i>Life Sciences</i> , <b>2006</b> , 80, 219-29  | 6.8 | 17 |
| 176 | Stereologic study of the sinoatrial node of rats -- age related changes. <i>Biogerontology</i> , <b>2002</b> , 3, 383-90  | 4.5 | 17 |
| 175 | Adverse effects of vitamin D deficiency on the Pi3k/Akt pathway and pancreatic islet morphology in diet-induced obese mice. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 346-57   | 5.9 | 16 |
| 174 | Impaired steroidogenesis in the testis of leptin-deficient mice (ob/ob -/-). <i>Acta Histochemica</i> , <b>2017</b> , 119, 508-515  | 2   | 16 |
| 173 | Aortic wall remodeling in rats with nitric oxide deficiency treated by enalapril or verapamil. <i>Pathology Research and Practice</i> , <b>2004</b> , 200, 211-7  | 3.4 | 16 |
| 172 | Enalapril attenuates cardiorenal damage in nitric-oxide-deficient spontaneously hypertensive rats. <i>Clinical Science</i> , <b>2004</b> , 106, 337-43  | 6.5 | 16 |
| 171 | A rich medium-chain triacylglycerol diet benefits adiposity but has adverse effects on the markers of hepatic lipogenesis and beta-oxidation. <i>Food and Function</i> , <b>2017</b> , 8, 778-787   | 6.1 | 15 |
| 170 | Renal cortex remodeling in nitric oxide deficient rats treated with enalapril. <i>Journal of Cellular and Molecular Medicine</i> , <b>2004</b> , 8, 102-8   | 5.6 | 15 |
| 169 | Lipid metabolism in rats fed diets containing different types of lipids. <i>Arquivos Brasileiros De Cardiologia</i> , <b>2002</b> , 78, 25-38   | 1.2 | 15 |
| 168 | Liver damage is not reversed during the lean period in diet-induced weight cycling in mice. <i>Hepatology Research</i> , <b>2014</b> , 44, 450-9  | 5.1 | 14 |
| 167 | Maternal caffeine administration leads to adverse effects on adult mice offspring. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 1891-900  | 5.2 | 14 |
| 166 | Cardiac and aortic structural alterations due to surgically-induced menopause associated with renovascular hypertension in rats. <i>International Journal of Experimental Pathology</i> , <b>2007</b> , 88, 301-9                           | 2.8 | 14 |
| 165 | Light and confocal microscopic observations of adult <i>Schistosoma mansoni</i> from mice fed on a high-fat diet. <i>Journal of Helminthology</i> , <b>2007</b> , 81, 361-8   | 1.6 | 14 |
| 164 | The effect of ovariectomy and estradiol replacement on collagen and elastic fibers in the bladder of rats. <i>International Urogynecology Journal</i> , <b>2003</b> , 14, 108-12  | 2   | 14 |
| 163 | Renal cortical remodelling by NO-synthesis blockers in rats is prevented by angiotensin-converting enzyme inhibitor and calcium channel blocker. <i>Journal of Cellular and Molecular Medicine</i> , <b>2001</b> , 5, 276-83 <sup>5.6</sup> | 5.6 | 14 |



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| 160 | Ultrastructural and biochemical changes of the medial pterygoid muscle induced by unilateral exodontia. <i>Micron</i> , <b>2008</b> , 39, 536-43  | 2.3  | 13 |
| 159 | Effect of unilateral nephrectomy on renal function of diabetic rats. <i>Histology and Histopathology</i> , <b>2004</b> , 19, 1085-8   | 1.4  | 13 |
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| 143 | Rosiglitazone reverses cardiac adverse remodeling (fibrosis and vascularization) in perinatal low protein rat offspring. <i>Pathology Research and Practice</i> , <b>2010</b> , 206, 642-6  | 3.4 | 10 |
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| 140 | Myofibroblast accumulation in healing rat myocardium due to long-term low-dosage nitric oxide synthesis inhibition. <i>Experimental and Toxicologic Pathology</i> , <b>2000</b> , 52, 192-4   |     | 10 |
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| 85 | Stereology of cardiac hypertrophy induced by NO blockade in rats treated with enalapril and verapamil <b>2001</b> , 23, 330-8   |     | 5 |
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| 56 | Cardiac growth in staged human embryos--stages from 15 to 23, post-somitic period. <i>Anatomischer Anzeiger</i> , <b>1991</b> , 173, 60-4   |     | 3 |
| 55 | Topographical and morphometrical study of the atrioventricular junctional area of the cardiac conduction system in the <i>Macaca fascicularis</i> Raffles, 1821. <i>Anatomischer Anzeiger</i> , <b>1988</b> , 167, 57-61          |     | 3 |



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| 54 | Pancreatic islet cells disarray, apoptosis, and proliferation in obese mice. The role of Semaglutide treatment. <i>Biochimie</i> , <b>2021</b> , 193, 126-126  | 4.6 | 3 |
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| 40 | Cardiac growth in staged human fetuses: an allometric approach. <i>Gegenbaurs Morphologisches Jahrbuch</i> , <b>1988</b> , 134, 345-9  |     | 2 |
| 39 | Human metatarsal growth: an allometrical analysis in prenatal period. <i>Archivio Italiano Di Anatomia E Di Embriologia Italian Journal of Anatomy and Embryology</i> , <b>1988</b> , 93, 155-62               |     | 2 |
| 38 | Quantitative examination of the cardiac myocytes in hypertensive rats under chronic inhibition of nitric oxide synthesis <b>1998</b> , 5, 363  |     | 2 |
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| 35 | Allometric growth of the adrenal gland in Brazilian fetuses. <i>Okajimas Folia Anatomica Japonica</i> , <b>1990</b> , 67, 165-8   | 0.3 | 2 |
| 34 | Both Hepatic Lipogenesis and Beta-Oxidation are Altered in Offspring of Mothers Fed a High-Fat Diet in the First Two Generations (F1 and F2). <i>International Journal of Morphology</i> , <b>2015</b> , 33, 1510-1517      | 0.5 | 2 |
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| 32 | High-Intensity Interval Training Beneficial Effects in Diet-Induced Obesity in Mice: Adipose Tissue, Liver Structure, and Pancreatic Islets. <i>International Journal of Morphology</i> , <b>2016</b> , 34, 684-691         | 0.5 | 2 |
| 31 | Vitamin D restriction enhances periovarian adipose tissue inflammation in a model of menopause. <i>Climacteric</i> , <b>2020</b> , 23, 99-104   | 3.1 | 2 |
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| 27 | Effects of Y1 receptor agonist on the pancreatic islet of diet-induced obese and diabetic mice. <i>Journal of Diabetes and Its Complications</i> , <b>2020</b> , 34, 107669   | 3.2 | 1 |
| 26 | NAFLD e Ingesta de Fructosa en Altas concentraciones: Una Revisión de la Literatura. <i>International Journal of Morphology</i> , <b>2017</b> , 35, 676-683   | 0.5 | 1 |
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| 16 | Maternal swimming mitigates liver damage caused by paternal obesity. <i>Nutrition</i> , <b>2021</b> , 86, 111168   | 4.8 | 1 |
| 15 | Beneficial effects of maternal swimming during pregnancy on offspring metabolism when the father is obese. <i>Journal of Developmental Origins of Health and Disease</i> , <b>2019</b> , 10, 502-506   | 2.4 | 1 |
| 14 | Cardiomyocyte volume-weighted nuclear volume and spironolactone therapy in spontaneously hypertensive rats <b>2002</b> , 24, 331-6   |     | 1 |
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