

Laboratório de Investigação Cardiovascular

2009

Indexado (fator de impacto < 0,65 ou sem FI)

doi: Tibiriçá E, Rodrigues E, Cobas R, Gomes MB 2009. Increased functional and structural skin capillary density in type 1 diabetes patients with vascular complications. *Diabetol Metab Syndr* 1: - .

Indexado (fator de impacto > 0,65 e < 2)

doi: Maracajá-Neto LF, Verçosa N, Roncalli AC, Gianella A, Bozza FA, Lessa MA 2009. Beneficial effects of high positive end-expiratory pressure in lung respiratory mechanics during laparoscopic surgery. *Acta Anaesth Scand* 53: 210-217.

doi: Gomes MB, Cobas RA, Nunes E, Castro-Faria-Neto HC, da Matta MF, Neves R, Tibiriçá EV 2009. Plasma PAF-acetylhydrolase activity, inflammatory markers and susceptibility of LDL to in vitro oxidation in patients with type 1 diabetes mellitus. *Diabetes Res Clin Pr* 85: 61-68.

Indexado (fator de impacto > 4)

doi: Bousquet-Santos K, Neves FJ, Tibiriçá EV, de Souza MN, Nóbrega AC 2009. Impaired vascular reactivity in healthy first-degree relatives of subjects with type 2 diabetes is related to metabolic factors. *Diabetes Care* 32: e72-e72.

2010

Indexado (fator de impacto < 0,65 ou sem FI)

doi: Tibiriçá E 2010. The multiple functions of the endocannabinoid system: a focus on the regulation of food intake. *Diabetol Metab Syndr* 2: - .

Indexado (fator de impacto > 2 e < 4)

doi: Nacul FE, Guia IL, Lessa MA, Tibiriçá E 2010. Effects of vasoactive drugs on intestinal functional capillary density in endotoxemic rats: Intravital video-microscopy analysis. *Anesth Analg* 110: 547-554.

doi: Nascimento AR, Lessa MA, Sabino B, Bousquet P, Tibiriçá E 2010. Microvascular effects of centrally acting antihypertensive drugs in spontaneously hypertensive rats. *J Cardiovasc Pharm T* 55: 240-247.

2011

Indexado (fator de impacto > 2 e 4)

doi: Romeiro LA, da Silva-Ferreira M, da Silva LL, Castro HC, Miranda AL, Silva CL, Noël F, Nascimento JB, Araújo CV, Tibiriçá EV, Barreiro EJ, Fraga CA 2011. Discovery of LASSBio-772, a 1,3-benzodioxole N-phenylpiperazine derivative with potent alpha 1A/D-Adrenergic receptor blocking properties. *Eur J Med Chem* 46: 3000-3012.

doi: Francischetti EA, Tibiriçá E, da Silva EG, Rodrigues E, Celoria BM, de Abreu VG 2011. Skin capillary density and microvascular reactivity in obese subjects with and without metabolic syndrome. *Microvasc Res* 81: 325-330.

doi: Matheus AS, Tibiriçá E, da Silva PB, de Fátima Bevilácqua da Matta M, Gomes MB 2011. Uric acid levels are associated with microvascular endothelial dysfunction in patients with type 1 diabetes. *Diabet Med* 28: 1188-1193.

Indexado (fator de impacto 0,65 e 2)

doi: Tibiriçá EV, Matheus AS, Nunes B, Sperandei S, Gomes MB 2011. Repeatability of the evaluation of systemic microvascular endothelial function using laser Doppler perfusion monitoring: clinical and statistical implications. *Clinics* 66: 599-605.

2012

Indexado (fator de impacto >= 7,51)

doi: Reis PA, Estato V, da Silva TI, d'Avila JC, Siqueira LD, Assis EF, Bozza PT, Bozza F, Tibiriçá EV, Zimmerman GA, Castro-Faria-Neto HC 2012. Statins decrease neuroinflammation and prevent cognitive impairment after cerebral malaria. *Plos Pathog* 8: - .

Indexado (fator de impacto >=1 e < 2,71)

doi: Maracajá-Neto LF, Mello Silva GA, de Moura RS, Tibiriçá E, Lessa MA 2012. Opioid receptor blockade prevents propofol-induced hypotension in rats. *J Neurosurg Anesth* 24: 191-196.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Cordovil I, Huguenin G, Rosa G, Bello A, Köhler O, de Moraes R, Tibiriçá E 2012. Evaluation of systemic microvascular endothelial function using laser speckle contrast imaging. *Microvasc Res* 83: 376-379.

doi: Araújo CV, Estato V, Tibiriçá E, Bozza PT, Castro-Faria-Neto HC, Silva AR 2012. PPAR gamma activation protects the brain against microvascular dysfunction in sepsis. *Microvasc Res* 84: 218-221.

2013

Indexado (fator de impacto < 1 ou sem FI)

doi: NEVES MF, VIRDIS A, SANJULIANI AF, Tibiriçá EV 2013. Hypertension and Cardiometabolic Risk Factors.. *Int J Hypertens* 634798: 634798-634798.

doi: Nascimento AR, Machado MV, JOTHA P, de JESUS N, GOMES F, Lessa MA, Bonomo IT, Tibiriçá EV 2013. Structural and functional microvascular alterations in a rat model of metabolic syndrome induced by high-fat/high-salt diet.. *Obesity (Silver Spring)* 21: 2046-2054.

Indexado (fator de impacto >= 7,51)

doi: Fellmann L, Nascimento AR, Tibiriçá EV, Bousquet P 2013. Murine models for pharmacological studies of metabolic syndrome. *Pharmacol Therapeut* 137: 331-340.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Estato V, Pereira NVRSO, Carvalho-Tavares J, Simões-de-Freitas FS, Reis PA, Castro-Faria-Neto HC, Lessa MA, Tibiriçá EV 2013. Blockade of the renin-angiotensin system improves cerebral microcirculatory perfusion in diabetic hypertensive rats. *Microvasc Res* 87: 41-49.

doi: Simões-de-Freitas FS, Estato V, Carvalho VF, Torres RC, Lessa MA, Tibiriçá EV 2013. Cardiac microvascular rarefaction in hyperthyroidism-induced left ventricle dysfunction. *Microcirculation* 20(7): 590-598.

2014

Indexado (fator de impacto < 1 ou sem FI)

doi: Marcus Vinicius Machado, Aline Bonfim Vieira, Alessandro Rodrigues do Nascimento, Rômulo Lanza Martins, Júlio Daleprane, Lessa MA, Tibiriçá EV 2014. Physical exercise restores microvascular function in obese rats with metabolic syndrome. *Metab Syndr Relat D* 12: 484-492.

Indexado (fator de impacto >=1 e < 2,71)

doi: Maria Aparecida Salgado, Marcelo Salgado Filho, Oscar Reis Brito, Lessa MA, Tibiriçá EV 2014. Effectiveness of laser Doppler perfusion monitoring in the assessment of microvascular function in patients undergoing on-pump coronary artery bypass grafting. *J Cardiothor Vasc An* 28: - .

doi: Roger de Moraes, Diogo Van Bavel, Beatriz Serpa de Moraes , Tibiriçá EV 2014. Effects of dietary creatine supplementation on systemic microvascular density and reactivity in healthy young adults. *Nutr J* 13: 115-115.

doi: Elaine Souza, Andrea de Lorenzo, Grazielle Huguenin, Glaucia Oliveira, Tibiriçá EV 2014. Impairment of systemic microvascular endothelial and smooth muscle function in individuals with early-onset coronary artery disease: studies with laser speckle contrast imaging.. *Coronary Artery Dis* 25: 23-28.

doi: Borges JP, Gustavo Masson, Tibiriçá EV, Lessa MA 2014. Interval Aerobic Exercise Induce Greater Reduction in Cardiac Workload in Post-Exercise in Rats. *Arq Bras Cardiol* 102: 47-53.

doi: RA Rangel, BG Marinho, PD Fernandes, RS de Moura, Lessa MA 2014. Pharmacological mechanisms involved in the antinociceptive effects of dexmedetomidine in mice. *Fund Clin Pharmacol* 28: 104-113.

doi: Vlander Gomes, Marilia de Brito Gomes, Tibiriçá EV, Lessa MA 2014. Post-operative endothelial dysfunction assessment using laser Doppler perfusion measurement in cardiac surgery patients.. *Acta Anaesth Scand* 58: 468-477.

doi: Tibiriçá EV, Elaine Souza, Andrea de Lorenzo, Glaucia Moraes 2014. Reduced systemic

microvascular density and reactivity in individuals with early onset coronary artery disease. Microvasc Res 97C: 105-108.

Indexado (fator de impacto >=2,71 e < 4,35)

Roger de Moraes, Valente RH, Ileana León, Monique Trugilho , Antonio Pacheco, Antonio Claudio Lucas da Nobrega, Marilia de Brito Gomes, Perales J, Tibiriçá EV 2014. Alterations of the kidney cortex proteome in response to exercise training in normoglycemic and hyperglycemic conditions. Curr Top Med Chem 14: 450-461.

doi: Juliana Pereira Borges, Karine S Verdoorn, Daliry A, Scott K Powers, Victor Hugo Ortenzi, Rodrigo S Fortunato, Tibiriçá EV, Lessa MA 2014. Delta Opioid Receptors: The Link between Exercise and Cardioprotection. Plos One 11: - .

Indexado (fator de impacto >=4,35 e < 7,51)

doi: Nisimura LM, Vanessa Estate, Souza EM, Reis PA, Lessa MA, Castro-Faria-Neto HC, Tibiriçá EV, Garzoni LR 2014. Acute Chagas disease induces cerebral microvasculopathy in mice. Plos Neglect Trop D 8: - .

doi: Daliry A, de Figueiredo Diniz L, Torres RM, Talvani A, Bahia MT, de Carvalho AC 2014. Anti-adrenergic and muscarinic receptor autoantibodies in a canine model of Chagas disease and their modulation by benznidazole. Int J Cardiol 170: e66-e67.

2015

Indexado (fator de impacto >=1 e < 2,71)

doi: Simões-de-Freitas FS, Estate V, Lessa MA, Tibiriçá EV 2015. Cardiac microvascular rarefaction in hyperthyroid rats is reversed by losartan, diltiazem, and propranolol.. Fund Clin Pharmacol 29: 31-40.

doi: Plotkowski MC, Estate V, Santos SA, da Silva MC, Miranda AS, de Miranda PE, Pinho V, Tibiriçá EV, Morandi V, Teixeira MM, Vianna A, Saliba AM 2015. Contribution of the platelet activating factor signaling pathway to cerebral microcirculatory dysfunction during experimental sepsis by ExoU producing *Pseudomonas aeruginosa*. Pathog Dis 73: - .

doi: Souza MC, Pádua TA, Torres ND, Souza Costa MF, Candéa AP, Maramaldo T, Seito LN, Penido C, Estate V, Antunes B, Silva L, Pinheiro AA, Caruso Neves C, Tibiriçá EV, Carvalho L, Henriques MG 2015. Lipoxin A4 attenuates endothelial dysfunction during experimental cerebral malaria. Int Immunopharmacol 24: 400-407.

doi: Borges JP, Lessa MA 2015. Mechanisms Involved in Exercise-Induced Cardioprotection: A Systematic Review. Arq Bras Cardiol 105: 71-81.

doi: Tibiriçá EV, Souza EG, De Lorenzo A, Oliveira GM 2015. Reduced systemic microvascular density and reactivity in individuals with early onset coronary artery disease. Microvasc Res 97: 105-108.

doi: Verri V, Brandão A, Tibiriçá EV 2015. The evaluation of penile microvascular endothelial function using laser speckle contrast imaging in healthy volunteers. Microvasc Res 99: 96-101.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Ferrão PM, Araujo-Jorge TC, Degrave WM, Gonçalves AS, Garzoni LR, Lima AP, Feige JJ, Baily S, Mendonça-Lima L, Waghabi M 2015. Cruzipain Activates Latent TGF- β from Host Cells during *T. cruzi* Invasion. *Plos One* 10: - .

doi: Misan V, Estato V, de Velasco PC, de Velasco PC, Magri T, dos Santos RM, Fragoso T, Souza AS, Boldarine VT, Bonomo IT, Sardinha FL, Oyama LM, Tibiriçá EV, Tavares do Carmo MD 2015. Interesterified fat or palm oil as substitutes for partially hydrogenated fat during the perinatal period produces changes in the brain fatty acids profile and increases leukocyte-endothelial interactions in the cerebral microcirculation. *Brain Res* 1616: 123-133.

2016

Indexado (fator de impacto >=1 e < 2,71)

doi: Borges JP, Lopes GO, Verri V, Coelho MP, Nascimento PMC, Kopiler DA, Tibiriçá EV 2016. A novel effective method for the assessment of microvascular function in male patients with coronary artery disease: a pilot study using laser speckle contrast imaging. *Braz J Med Biol Res* 49(10): - .

doi: Nascimento AR, Machado MV, Conceição FG, Vieira AB, Gonçalves CF, Lessa MA, Bousquet P, Tibiriçá EV 2016. Central Sympathetic Modulation Reverses Microvascular Alterations in a Rat Model of High-Fat Diet-Induced Metabolic Syndrome. *Microcirculation* 23: 320-329.

doi: Silvares R, Silva ENG, Flores EEI, Estato V, Reis PA, Silva IJ, Pelajo-Machado M, Castro-Faria-Neto HC, Tibiriçá EV, Daliry A 2016. Combined therapy with metformin and insulin attenuates systemic and hepatic alterations in a model of high-fat diet-/streptozotocin-induced diabetes. *Int J Exp Pathol* 97: 266-277.

doi: Mason GS, Borges JP, Silva PPS, Nóbrega ACL, Tibiriçá EV, Lessa MA 2016. Effect of continuous and interval aerobic exercise training on baroreflex sensitivity in heart failure. *Auton Neurosci-basic* 197: 09-13.

doi: Mendes FSNS, Sousa AS, Souza FCCC, Pinto VLM, Silva PS, Saraiva RM, Xavier SS, Veloso HH, Holanda MT, Costa AR, Carneiro FM, Silva GMS, Borges JP, Tibiriçá EV, Olmo-Pinheiro R, Lara FA, Moreno AMH, Brasil PEAA, Mediano MFF 2016. Effect of physical exercise training in patients with Chagas heart disease: study protocol for a randomized controlled trial (PEACH study). *Trials* 17: - .

doi: Moraes R, Bezerra DVB, Gomes MB, Tibiriçá EV 2016. Effects of non-supervised low intensity aerobic exercise training on the microvascular endothelial function of patients with type 1 diabetes: a nonpharmacological interventional study. *BMC Cardiovasc Disor* 16: - .

doi: Machado MV, Martins RL, Borges JP, Antunes BR, Estato V, Vieira AB, Tibiriçá EV 2016. Exercise Training Reverses Structural Microvascular Rarefaction and Improves Endothelium-Dependent Microvascular Reactivity in Rats with Diabetes. *Metab Syndr Relat D* 14(6): 298-304.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Matheus ASM, Pires BP, Tibiriçá EV, Silva ATK, Gomes MB 2016. Assessment of arterial stiffness in type 1 diabetes using digital pulse contour analysis: Is it a reliable method?. *Acta Diabetol* 53: 477-482.

Indexado (fator de impacto >=4,35 e < 7,51)

doi: Daliry A, Silvares R, Silva ENG, Flores EEI, Estato V, Reis PA, Silva IJ, Pelajo-Machado M, Castro-Faria-Neto HC, Tibiriçá EV 2016. [OP.1D.09] Liver damage due to diabetes involves multiple pathways and induces microcirculation alterations: the effect of metformin plus insulin treatment. *J Hypertens* 34 Suppl 2: - .

2017

Indexado (fator de impacto < 1 ou sem FI)

doi: Borges JP, Franca GO, Cruz MD, Lanza R, Nascimento AR, Lessa MA 2017. Aerobic exercise training induces superior cardioprotection following myocardial ischemia reperfusion injury than a single aerobic exercise session in rats. *Motriz* 23: - .

doi: De Moraes R, Tibiriçá EV 2017. Early functional and structural microvascular changes in hypertension related to aging. *Curr Hypertens Rev* 13: 24-32.

doi: Amanda Barcelos, Lamas CC, Tibiriçá EV 2017. Evaluation of microvascular endothelial function in patients with infective endocarditis using laser speckle contrast imaging and skin video-capillaroscopy: research proposal of a case control prospective study. *BMC Res Notes* 10: - .

doi: de Lorenzo A, Moreira ASB, Guimaraes E, Oliveira GMM, Maia E, Tibiriçá EV 2017. Serum adiponectin levels are associated with microcirculatory function, but not with coronary artery disease in the young. *Ann Med Health Sci Res* 6(5): 332-333.

Indexado (fator de impacto >=1 e < 2,71)

doi: Simões-de-Freitas FS, Estato V, Reis PA, Castro-Faria-Neto HC, Carvalho VF, Rafael Torres, Lessa MA, Tibiriçá EV 2017. Acute simvastatin treatment restores cerebral functional capillary density and attenuates angiotensin II-induced microcirculatory changes in a model of primary hypertension. *Microcirculation* 24: - .

doi: Estato V, Nascimento AR, Antunes BR, Conceição FG, Coelho LL, Silvares R, Garzoni LR, Daliry A, Bousquet P, Tibiriçá EV 2017. Cerebral Microvascular Dysfunction and Inflammation are Improved by Centrally Acting Antihypertensive Drugs in Metabolic Syndrome. *Metab Syndr Relat D* 15: 26-35.

doi: Pereira NVRSO, Lessa MA, Daliry A, Silvares R, Tibiriçá EV, Estato V 2017. Cerebral microvascular dysfunction in metabolic syndrome is exacerbated by ischemia-reperfusion injury. *BMC Neurosci* 18: - .

doi: Marcus Vinicius Machado, Aline Bomfim Vieira, Conceição FG, Nascimento AR, Antônio Cláudio Lucas da Nóbrega , Tibiriçá EV 2017. Exercise training dose differentially alters muscle and heart capillary density and metabolic functions in a rat model of metabolic syndrome. *Exp Physiol* 102: 1716-1728.

doi: de Lorenzo A, Duarte J, Moreira ASB, Tibiriçá EV 2017. Microvascular function and endothelial progenitor cells in patients with severe hypercholesterolemia and the familial hypercholesterolemia phenotype. *Cardiology* 137(4): 231-236.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Silva ENG, Silvares R, Flores EEI, Rodrigues KL, Isalira Peroba Ramos, Silva IJ, Pelajo-Machado M, Rosiane Aparecida Miranda, Carmen Cabanelas Pazos-Moura, Cassiano Gonçalves-de-Albuquerque, Castro-Faria-Neto HC, Tibiriçá EV, Daliry A 2017. Hepatic microvascular dysfunction and increased advanced glycation end products are components of non-alcoholic fatty liver disease. *Plos One* 12(6): - .

doi: Elyte Dalla Corte Frantz, Isabele Gomes Giori, Machado MV, D'Angelo Carlo Magliano, Fernanda Marques Freitas, Mariana Sodré Boëta Andrade, Vieira AB, Antonio Claudio Lucas da Nóbrega, Tibiriçá EV 2017. High, but not low exercise volume, shifts the balance of renin angiotensin system towards ACE2/Mas receptor axis in skeletal muscle in obese rats. *Am J Physiol-Endoc M* 313(4): E473-E482.

doi: Tirstão MPL, Borges JP, Simões-de-Freitas FS, Silvares R, Daliry A, Tibiriçá EV, Estato V 2017. The impact of early aerobic exercise on brain microvascular alterations induced by cerebral hypoperfusion. *Brain Res* 1657: 43-51.

Indexado (fator de impacto >=4,35 e < 7,51)

doi: Reis PA, Alexandre PC, D'avila JCP, Siqueira LD, Antunes BR, Estato V, Verdonk F, Sharshar T, Chrétien F, Castro-Faria-Neto HC, Bozza F 2017. Statins prevent cognitive impairment after sepsis by reverting neuroinflammation, and microcirculatory/endothelial dysfunction. *Brain Behav Immun* 60: 293-303.

2018

Indexado (fator de impacto < 1 ou sem FI)

doi: Pereira F, de Moraes R, Van Bavel D, De Lorenzo A, Tibiriçá EV 2018. Effects of Riot Control Training on Systemic Microvascular Reactivity and Capillary Density. *Mil Med* 183(11-12): e713-e720.

Indexado (fator de impacto >=1 e < 2,71)

doi: Verri V, Brandão AA, Tibiriçá EV 2018. Penile microvascular endothelial function in hypertensive patients: effects of acute type 5 phosphodiesterase inhibition. *Braz J Med Biol Res* 51: e6601-e6601.

Indexado (fator de impacto >=2,71 e < 4,35)

doi: Rodrigues KL, Borges JP, Lopes GO, Silva ENG, Mediano MFF, Farinatti P , Tibiriçá E, Daliry A 2018. Influence Of Physical Exercise on Advanced Glycation End Products Levels in Patients Living With the Human Immunodeficiency Virus. *Front Physiol* 9: - .

doi: Fedoce ADG, Ferreira FR, Bota RG, Bonet-Costa V, Sun PY, Davies KJA 2018. The role of oxidative stress in anxiety disorder: cause or consequence?. *Free Radical Res* 52: 737-750.