

Eduardo Tibirica

List of Publications by Year in descending order

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Version: 2024-02-01

113
papers

2,052
citations

249298

26
h-index

371746

37
g-index

115
all docs

115
docs citations

115
times ranked

2888
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of chronic type 5 phosphodiesterase inhibition on penile microvascular reactivity in hypertensive patients with erectile dysfunction: a randomized crossover placebo-controlled trial. <i>Journal of Human Hypertension</i> , 2021, 35, 360-370.	1.0	3
2	Systemic microvascular endothelial dysfunction is associated with left ventricular ejection fraction reduction in chronic Chagas disease patients. <i>Microcirculation</i> , 2021, 28, e12664.	1.0	3
3	Exercise training improves microvascular function in patients with Chagas heart disease: Data from the PEACH study. <i>Microvascular Research</i> , 2021, 134, 104106.	1.1	8
4	Systemic microvascular endothelial dysfunction and disease severity in COVID-19 patients: Evaluation by laser Doppler perfusion monitoring and cytokine/chemokine analysis. <i>Microvascular Research</i> , 2021, 134, 104119.	1.1	40
5	Obesity-Related Inflammation and Endothelial Dysfunction in COVID-19: Impact on Disease Severity. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2267-2276.	1.6	12
6	Redu��o na Biodisponibilidade Sist�mica de �cido N�trico Concomitante � Disfun�o Endotelial Microvascular durante o Bypass Cardiopulmonar. <i>Arquivos Brasileiros De Cardiologia</i> , 2021, 117, 554-557.	0.3	0
7	Dietary supplementation with whey protein improves systemic microvascular function in heart failure patients: a pilot study. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10577.	0.7	2
8	Increased systemic endothelial-dependent microvascular reactivity after ingestion of a high-carbohydrate snack in young, healthy volunteers. <i>Microvascular Research</i> , 2020, 129, 103962.	1.1	1
9	COVID-19 and Microvascular Disease: Pathophysiology of SARS-CoV-2 Infection With Focus on the Renin-Angiotensin System. <i>Heart Lung and Circulation</i> , 2020, 29, 1596-1602.	0.2	30
10	Redox Regulation of Microvascular Permeability: IL-1�2 Potentiation of Bradykinin-Induced Permeability Is Prevented by Simvastatin. <i>Antioxidants</i> , 2020, 9, 1269.	2.2	3
11	Systemic endothelial dysfunction: A common pathway for COVID-19, cardiovascular and metabolic diseases. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1401-1402.	1.1	35
12	Importance of the evaluation of systemic microvascular flow and reactivity in critically ill patients with coronavirus disease 2019 � COVID-19. <i>Microvascular Research</i> , 2020, 131, 104028.	1.1	6
13	Microvascular Effects of <i>Echinodorus grandiflorus</i> on Cardiovascular Disorders. <i>Planta Medica</i> , 2020, 86, 395-404.	0.7	3
14	Modulation of cardiac renin-angiotensin system, redox status and inflammatory profile by different volumes of aerobic exercise training in obese rats. <i>Free Radical Biology and Medicine</i> , 2020, 156, 125-136.	1.3	7
15	Physical exercise promotes astrocyte coverage of microvessels in a model of chronic cerebral hypoperfusion. <i>Journal of Neuroinflammation</i> , 2020, 17, 117.	3.1	26
16	Tyrosine hydroxylase and �2-adrenergic receptor expression in leukocytes of spontaneously hypertensive rats: putative peripheral markers of central sympathetic activity. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e9615.	0.7	1
17	Emerging concepts in metabolically healthy obesity. <i>American Journal of Cardiovascular Disease</i> , 2020, 10, 48-61.	0.5	5
18	Systemic microvascular dysfunction in COVID-19. <i>American Journal of Cardiovascular Disease</i> , 2020, 10, 386-391.	0.5	4

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19	Preoperative education reduces preoperative anxiety in cancer patients undergoing surgery: Usefulness of the self-reported Beck anxiety inventory. <i>Brazilian Journal of Anesthesiology</i> (Elsevier), 2019, 69, 1-6.	0.2	19
20	Exercise-induced cardiac opioid system activation attenuates apoptosis pathway in obese rats. <i>Life Sciences</i> , 2019, 231, 116542.	2.0	8
21	Beneficial Effect of Exercise on Cognitive Function during Peripheral Arterial Disease: Potential Involvement of Myokines and Microglial Anti-Inflammatory Phenotype Enhancement. <i>Journal of Clinical Medicine</i> , 2019, 8, 653.	1.0	10
22	Time course of cardiomyopathy induced by doxorubicin in rats. <i>Pharmacological Reports</i> , 2019, 71, 583-590.	1.5	14
23	11-imidazoline receptor-mediated cardiovascular and metabolic effects in high-fat diet-induced metabolic syndrome in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2019, 217, 18-25.	1.4	6
24	Effects of dietary supplementation with creatine on homocysteinemia and systemic microvascular endothelial function in individuals adhering to vegan diets. <i>Fundamental and Clinical Pharmacology</i> , 2019, 33, 428-440.	1.0	13
25	Increased vascular function and superoxide dismutase activity in physically active vs inactive adults living with HIV. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 25-33.	1.3	5
26	Exertional Rhabdomyolysis after Military Training Paralleled by Systemic Microvascular Dysfunction and Plasma Cytokine Increase: A Case Report. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 113, 294-298.	0.3	4
27	The impact of exercise frequency upon microvascular endothelium function and oxidative stress among patients with coronary artery disease. <i>Clinical Physiology and Functional Imaging</i> , 2018, 38, 840-846.	0.5	10
28	Is endothelial microvascular function equally impaired among patients with chronic Chagas and ischemic cardiomyopathy?. <i>International Journal of Cardiology</i> , 2018, 265, 35-37.	0.8	10
29	Effects of Riot Control Training on Systemic Microvascular Reactivity and Capillary Density. <i>Military Medicine</i> , 2018, 183, e713-e720.	0.4	0
30	Evaluation of microvascular endothelial function and capillary density in patients with infective endocarditis using laser speckle contrast imaging and video-capillaroscopy. <i>Microvascular Research</i> , 2018, 118, 61-68.	1.1	9
31	Microcirculation and Cardiovascular Diseases. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 111, 120-121.	0.3	8
32	Influence of Physical Exercise on Advanced Glycation End Products Levels in Patients Living With the Human Immunodeficiency Virus. <i>Frontiers in Physiology</i> , 2018, 9, 1641.	1.3	23
33	Evaluation of systemic microvascular reactivity in adults with congenital heart disease. <i>Congenital Heart Disease</i> , 2018, 13, 978-987.	0.0	7
34	Microvascular endothelial dysfunction during cardiopulmonary bypass in surgery for correction of cyanotic and acyanotic congenital heart disease. <i>Microvascular Research</i> , 2018, 120, 55-58.	1.1	10
35	Data set characterizing the systemic alterations of microvascular reactivity and capillary density, in patients presenting with infective endocarditis. <i>Data in Brief</i> , 2018, 18, 480-491.	0.5	0
36	The Neurotropic Parasite <i>Toxoplasma gondii</i> Induces Sustained Neuroinflammation with Microvascular Dysfunction in Infected Mice. <i>American Journal of Pathology</i> , 2018, 188, 2674-2687.	1.9	40

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37	The impact of early aerobic exercise on brain microvascular alterations induced by cerebral hypoperfusion. <i>Brain Research</i> , 2017, 1657, 43-51.	1.1	21
38	Cerebral Microvascular Dysfunction and Inflammation Are Improved by Centrally Acting Antihypertensive Drugs in Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2017, 15, 26-35.	0.5	12
39	Exercise training dose differentially alters muscle and heart capillary density and metabolic functions in an obese rat with metabolic syndrome. <i>Experimental Physiology</i> , 2017, 102, 1716-1728.	0.9	44
40	Acute simvastatin treatment restores cerebral functional capillary density and attenuates angiotensin II-induced microcirculatory changes in a model of primary hypertension. <i>Microcirculation</i> , 2017, 24, e12416.	1.0	13
41	High, but not low, exercise volume shifts the balance of renin-angiotensin system toward ACE2/Mas receptor axis in skeletal muscle in obese rats. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 313, E473-E482.	1.8	28
42	Hepatic microvascular dysfunction and increased advanced glycation end products are components of non-alcoholic fatty liver disease. <i>PLoS ONE</i> , 2017, 12, e0179654.	1.1	43
43	Cerebral microvascular dysfunction in metabolic syndrome is exacerbated by ischemia-reperfusion injury. <i>BMC Neuroscience</i> , 2017, 18, 67.	0.8	23
44	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. <i>BMC Research Notes</i> , 2017, 10, 342.	0.6	6
45	Early Functional and Structural Microvascular Changes in Hypertension Related to Aging. <i>Current Hypertension Reviews</i> , 2017, 13, 24-32.	0.5	10
46	Central Sympathetic Modulation Reverses Microvascular Alterations in a Rat Model of High-Fat Diet-Induced Metabolic Syndrome. <i>Microcirculation</i> , 2016, 23, 320-329.	1.0	8
47	Effect of physical exercise training in patients with Chagas heart disease: study protocol for a randomized controlled trial (PEACH study). <i>Trials</i> , 2016, 17, 433.	0.7	11
48	The Effects of Unsupervised Home-based Exercise Upon Functional Capacity After 6 Months of Discharge From Cardiac Rehabilitation: A Retrospective Observational Study. <i>Journal of Physical Activity and Health</i> , 2016, 13, 1230-1235.	1.0	7
49	Combined therapy with metformin and insulin attenuates systemic and hepatic alterations in a model of high-fat diet-streptozotocin-induced diabetes. <i>International Journal of Experimental Pathology</i> , 2016, 97, 266-277.	0.6	14
50	Assessment of arterial stiffness in type 1 diabetes using digital pulse contour analysis: Is it a reliable method?. <i>Acta Diabetologica</i> , 2016, 53, 477-482.	1.2	3
51	Effects of non-supervised low intensity aerobic exercise training on the microvascular endothelial function of patients with type 1 diabetes: a non-pharmacological interventional study. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 23.	0.7	29
52	Effect of continuous and interval aerobic exercise training on baroreflex sensitivity in heart failure. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2016, 197, 9-13.	1.4	12
53	Exercise Training Reverses Structural Microvascular Rarefaction and Improves Endothelium-Dependent Microvascular Reactivity in Rats with Diabetes. <i>Metabolic Syndrome and Related Disorders</i> , 2016, 14, 298-304.	0.5	17
54	Effects of Dietary Supplementation with Brazil Nuts on Microvascular Endothelial Function in Hypertensive and Dyslipidemic Patients: A Randomized Crossover Placebo-Controlled Trial. <i>Microcirculation</i> , 2015, 22, 687-699.	1.0	22

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55	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 from the male offspring in adult life. <i>Brain Research</i> , 2015, 1616, 123-133.	1.1	10
56	Lipoxin A 4 attenuates endothelial dysfunction during experimental cerebral malaria. <i>International Immunopharmacology</i> , 2015, 24, 400-407.	1.7	24
57	The evaluation of penile microvascular endothelial function using laser speckle contrast imaging in healthy volunteers. <i>Microvascular Research</i> , 2015, 99, 96-101.	1.1	6
58	Cardiac microvascular rarefaction in hyperthyroid rats is reversed by losartan, diltiazem, and propranolol. <i>Fundamental and Clinical Pharmacology</i> , 2015, 29, 31-40.	1.0	8
59	Reduced systemic microvascular density and reactivity in individuals with early onset coronary artery disease. <i>Microvascular Research</i> , 2015, 97, 105-108.	1.1	37
60	Delta Opioid Receptors: The Link between Exercise and Cardioprotection. <i>PLoS ONE</i> , 2014, 9, e113541.	1.1	15
61	Effects of dietary creatine supplementation on systemic microvascular density and reactivity in healthy young adults. <i>Nutrition Journal</i> , 2014, 13, 115.	1.5	20
62	Acute Chagas Disease Induces Cerebral Microvasculopathy in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2998.	1.3	25
63	Impairment of systemic microvascular endothelial and smooth muscle function in individuals with early-onset coronary artery disease. <i>Coronary Artery Disease</i> , 2014, 25, 23-28.	0.3	55
64	Physical Exercise Restores Microvascular Function in Obese Rats with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 484-492.	0.5	10
65	Effectiveness of Laser Doppler Perfusion Monitoring in the Assessment of Microvascular Function in Patients Undergoing On-Pump Coronary Artery Bypass Grafting. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2014, 28, 1211-1216.	0.6	13
66	Alterations of the Kidney Cortex Proteome in Response to Exercise Training in Normoglycemic and Hyperglycemic Conditions. <i>Current Topics in Medicinal Chemistry</i> , 2014, 14, 450-461.	1.0	3
67	Effect Of Exercise On The Metabolic Syndrome And Microcirculation In Obese Rats. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 714.	0.2	0
68	Antihypertensive Treatment Improves Microvascular Rarefaction and Reactivity in Low-Risk Hypertensive Individuals. <i>Microcirculation</i> , 2013, 20, 703-716.	1.0	38
69	Blockade of the renin-angiotensin system improves cerebral microcirculatory perfusion in diabetic hypertensive rats. <i>Microvascular Research</i> , 2013, 87, 41-49.	1.1	32
70	Structural and functional microvascular alterations in a rat model of metabolic syndrome induced by a high-fat diet. <i>Obesity</i> , 2013, 21, 2046-2054.	1.5	48
71	Cardiac Microvascular Rarefaction in Hyperthyroidism-Induced Left Ventricle Dysfunction. <i>Microcirculation</i> , 2013, 20, 590-598.	1.0	11
72	Aerobic Interval Exercise Training Induces Greater Reduction in Cardiac Workload in the Recovery Period in Rats. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 102, 47-53.	0.3	7

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73	Opioid Receptor Blockade Prevents Propofol-induced Hypotension in Rats. <i>Journal of Neurosurgical Anesthesiology</i> , 2012, 24, 191-196.	0.6	4
74	Evaluation of systemic microvascular endothelial function using laser speckle contrast imaging. <i>Microvascular Research</i> , 2012, 83, 376-379.	1.1	71
75	Skin Capillary Density and Microvascular Reactivity in Obese Subjects with and without Metabolic Syndrome. <i>Microvascular Research</i> , 2011, 81, 325-330.	1.1	51
76	Discovery of LASSBio-772, a 1,3-benzodioxole N-phenylpiperazine derivative with potent alpha 1A/D-Adrenergic receptor blocking properties. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3000-3012.	2.6	32
77	Assessment of Vascular Function in HIV-Infected Patients. <i>HIV Clinical Trials</i> , 2011, 12, 215-221.	2.0	8
78	Repeatability of the evaluation of systemic microvascular endothelial function using laser doppler perfusion monitoring: clinical and statistical implications. <i>Clinics</i> , 2011, 66, 599-605.	0.6	10
79	The Effects of Vasoactive Drugs on Intestinal Functional Capillary Density in Endotoxemic Rats: Intravital Video-Microscopy Analysis. <i>Anesthesia and Analgesia</i> , 2010, 110, 547-554.	1.1	28
80	Microvascular Effects of Centrally Acting Antihypertensive Drugs in Spontaneously Hypertensive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 240-247.	0.8	10
81	The multiple functions of the endocannabinoid system: a focus on the regulation of food intake. <i>Diabetology and Metabolic Syndrome</i> , 2010, 2, 5.	1.2	36
82	Impaired Vascular Reactivity in Healthy First-Degree Relatives of Subjects With Type 2 Diabetes Is Related to Metabolic Factors. <i>Diabetes Care</i> , 2009, 32, e72-e72.	4.3	0
83	Plasma PAF-acetylhydrolase activity, inflammatory markers and susceptibility of LDL to in vitro oxidation in patients with type 1 diabetes mellitus. <i>Diabetes Research and Clinical Practice</i> , 2009, 85, 61-68.	1.1	19
84	Increased functional and structural skin capillary density in type 1 diabetes patients with vascular complications. <i>Diabetology and Metabolic Syndrome</i> , 2009, 1, 24.	1.2	9
85	Antihypertensive effects of crude extracts from leaves of <i>Echinodorus grandiflorus</i> . <i>Fundamental and Clinical Pharmacology</i> , 2008, 22, 161-168.	1.0	26
86	Serum platelet-activating factor acetylhydrolase activity: A novel potential inflammatory marker in type 1 diabetes. <i>Prostaglandins and Other Lipid Mediators</i> , 2008, 87, 42-46.	1.0	13
87	Evaluation of microvascular endothelial function in patients with type 1 diabetes using laser-Doppler perfusion monitoring: Which method to choose?. <i>Microvascular Research</i> , 2008, 76, 132-133.	1.1	49
88	Effects of Antihypertensive Drugs on Capillary Rarefaction in Spontaneously Hypertensive Rats: Intravital Microscopy and Histologic Analysis. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 402-409.	0.8	33
89	Pharmacological mechanisms involved in the vasodilator effects of extracts from <i>Echinodorus grandiflorus</i> . <i>Journal of Ethnopharmacology</i> , 2007, 111, 50-55.	2.0	31
90	Endothelial function in patients with type 1 diabetes evaluated by skin capillary recruitment. <i>Microvascular Research</i> , 2007, 73, 107-112.	1.1	66

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91	Impairment of Skin Capillary Recruitment Precedes Chronic Complications in Patients with Type 1 Diabetes. <i>Review of Diabetic Studies</i> , 2007, 4, 85-88.	0.5	20
92	Increased Skin Capillary Density in Treated Essential Hypertensive Patients. <i>American Journal of Hypertension</i> , 2006, 19, 477-483.	1.0	125
93	Pharmacologic Evidence for the Involvement of Central and Peripheral Opioid Receptors in the Cardioprotective Effects of Fentanyl. <i>Anesthesia and Analgesia</i> , 2006, 103, 815-821.	1.1	17
94	Reduced Hemodynamic Responses to Physical and Mental Stress Under Low-Dose Rilmenidine in Healthy Subjects. <i>Cardiovascular Drugs and Therapy</i> , 2006, 20, 129-134.	1.3	3
95	Impairment of Endothelium-Dependent Aorta Relaxation by Phospholipid Components of Oxidized Low-Density Lipoprotein. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2006, 13, 1-8.	1.7	5
96	Acute cardiodepressant effects induced by bolus intravenous administration of amiodarone in rabbits. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 165-172.	1.0	15
97	Exercise training protects the renal circulation against high glucose challenge. <i>Fundamental and Clinical Pharmacology</i> , 2005, 19, 537-543.	1.0	7
98	Metformin prevents the impairment of endothelium-dependent vascular relaxation induced by high glucose challenge in rabbit isolated perfused kidneys. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2005, 372, 24-30.	1.4	11
99	Effects of exercise training on the vascular reactivity of the whole kidney circulation in rabbits. <i>Journal of Applied Physiology</i> , 2004, 97, 683-688.	1.2	26
100	Cardioprotective action of fentanyl in a model of central sympathetic overactivity in rabbits: antiarrhythmic and anti-ischemic effects. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 1115-1122.	0.7	17
101	Glucose levels observed in daily clinical practice induce endothelial dysfunction in the rabbit macro- and microcirculation. <i>Fundamental and Clinical Pharmacology</i> , 2004, 18, 339-346.	1.0	34
102	Effects of high glucose concentrations on the endothelial function of the renal microcirculation of rabbits. <i>Arquivos Brasileiros De Cardiologia</i> , 2003, 81, 161-165.	0.3	9
103	Protective effects of yangambin on cardiovascular hyporeactivity to catecholamines in rats with endotoxin-induced shock. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2001, 363, 267-275.	1.4	14
104	Cardiovascular Properties of Yangambin, a Lignan Isolated from Brazilian Plants. <i>Cardiovascular Drug Reviews</i> , 2001, 19, 313-328.	4.4	13
105	Cardiovascular effects of chronic ifenprodil in a model of central sympathetic stimulation. <i>Fundamental and Clinical Pharmacology</i> , 2000, 14, 587-592.	1.0	2
106	Investigation of the haemodynamic effects of Phoneutria nigriventer venom in anaesthetised rabbits. <i>Toxicon</i> , 2000, 38, 841-853.	0.8	12
107	Pyridostigmine blunts the increases in myocardial oxygen demand elicited by the stimulation of the central nervous system in anesthetized rats. <i>Clinical Autonomic Research</i> , 1999, 9, 83-89.	1.4	16
108	The acute increases in vasomotor tone and blood pressure induced by carotid artery occlusion are modulated by platelet-activating factor (PAF) independently of nitric oxide release. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1997, 17, 151-165.	1.0	2

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109	Pharmacological evidence for the putative existence of two different subtypes of PAF receptors on platelets and leukocytes; studies with yangambin. <i>Journal of Lipid Mediators and Cell Signalling</i> , 1997, 17, 1-14.	1.0	17
110	Prevention by NMDA receptor antagonists of the centrally evoked increases of cardiac inotropic responses in rabbits. <i>British Journal of Pharmacology</i> , 1994, 111, 1347-1354.	2.7	16
111	Baclofen prevents the increase of myocardial oxygen demand indexes evoked by the hypothalamic stimulation in rabbits. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1993, 348, 164-171.	1.4	12
112	The imidazoline receptors and the central regulation of the arterial blood pressure: a minireview. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1993, 88, 317-325.	0.8	2
113	Selectivity of rilmenidine for the nucleus reticularis lateralis, a ventrolateral medullary structure containing imidazoline-preferring receptors. <i>European Journal of Pharmacology</i> , 1991, 209, 213-221.	1.7	63