

Maria Urbana Pinto Brandao Rondon

List of Publications by Year in descending order

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81
papers

3,138
citations

159358

30
h-index

161609

54
g-index

88
all docs

88
docs citations

88
times ranked

3362
citing authors

#	ARTICLE	IF	CITATIONS
1	The effects of exercise training on sympathetic neural activation in advanced heart failure. <i>Journal of the American College of Cardiology</i> , 2003, 42, 854-860.	1.2	302
2	Increased muscle sympathetic nerve activity predicts mortality in heart failure patients. <i>International Journal of Cardiology</i> , 2009, 135, 302-307.	0.8	245
3	Exercise Training Restores Baroreflex Sensitivity in Never-Treated Hypertensive Patients. <i>Hypertension</i> , 2007, 49, 1298-1306.	1.3	210
4	Postexercise blood pressure reduction in elderly hypertensive patients. <i>Journal of the American College of Cardiology</i> , 2002, 39, 676-682.	1.2	161
5	Effects of Exercise Training in Patients with Chronic Heart Failure and Sleep Apnea. <i>Sleep</i> , 2009, 32, 637-647.	0.6	125
6	Weight loss improves neurovascular and muscle metaboreflex control in obesity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H974-H982.	1.5	113
7	Exercise training reduces sympathetic nerve activity in heart failure patients treated with carvedilol. <i>European Journal of Heart Failure</i> , 2007, 9, 630-636.	2.9	103
8	Effects of Long-Term Exercise Training on Autonomic Control in Myocardial Infarction Patients. <i>Hypertension</i> , 2011, 58, 1049-1056.	1.3	87
9	Inspiratory Muscle Training Reduces Sympathetic Nervous Activity and Improves Inspiratory Muscle Weakness and Quality of Life in Patients With Chronic Heart Failure. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2012, 32, 255-261.	1.2	68
10	Molecular basis for the improvement in muscle metaboreflex and mechanoreflex control in exercise-trained humans with chronic heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 307, H1655-H1666.	1.5	68
11	Consequences of Comorbid Sleep Apnea in the Metabolic Syndrome— Implications for Cardiovascular Risk. <i>Sleep</i> , 2010, 33, 1193-1199.	0.6	64
12	Effects of home-based exercise training on neurovascular control in patients with heart failure. <i>European Journal of Heart Failure</i> , 2006, 8, 851-855.	2.9	63
13	Abnormal Muscle Metaboreflex Control of Sympathetic Activity in Never-Treated Hypertensive Subjects. <i>American Journal of Hypertension</i> , 2006, 19, 951-957.	1.0	61
14	Abnormal Neurovascular Control during Sympathoexcitation in Obesity. <i>Obesity</i> , 2003, 11, 1411-1419.	4.0	58
15	Exercise training improves aortic depressor nerve sensitivity in rats with ischemia-induced heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 291, H2801-H2806.	1.5	57
16	Impact of 6 months of therapy with carvedilol on muscle sympathetic nerve activity in heart failure patients. <i>Journal of Cardiac Failure</i> , 2004, 10, 496-502.	0.7	51
17	Obstructive Sleep Apnea is Associated with Increased Chemoreflex Sensitivity in Patients with Metabolic Syndrome. <i>Sleep</i> , 2013, 36, 41-49.	0.6	51
18	Point:Counterpoint: Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. <i>Journal of Applied Physiology</i> , 2007, 102, 492-494.	1.2	49

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19	Muscle sympathetic nervous activity in depressed patients before and after treatment with sertraline. <i>Journal of Hypertension</i> , 2009, 27, 2429-2436.	0.3	49
20	Impact of gender on benefits of exercise training on sympathetic nerve activity and muscle blood flow in heart failure. <i>European Journal of Heart Failure</i> , 2010, 12, 58-65.	2.9	48
21	Gly16 + Glu27 β 2-adrenoceptor polymorphisms cause increased forearm blood flow responses to mental stress and handgrip in humans. <i>Journal of Applied Physiology</i> , 2005, 98, 787-794.	1.2	46
22	Exercise training improves neurovascular control and functional capacity in heart failure patients regardless of age. <i>European Journal of Preventive Cardiology</i> , 2012, 19, 822-829.	0.8	46
23	Acute water ingestion increases arterial blood pressure in hypertensive and normotensive subjects. <i>Journal of Human Hypertension</i> , 2007, 21, 564-570.	1.0	45
24	Muscle sympathetic nerve activity and hemodynamic alterations in middle-aged obese women. <i>Brazilian Journal of Medical and Biological Research</i> , 2001, 34, 475-478.	0.7	42
25	Acute and chronic effects of exercise on inflammatory markers and B-type natriuretic peptide in patients with coronary artery disease. <i>Clinical Research in Cardiology</i> , 2011, 100, 77-84.	1.5	41
26	Burnt Sugarcane Harvesting " Cardiovascular Effects on a Group of Healthy Workers, Brazil. <i>PLoS ONE</i> , 2012, 7, e46142.	1.1	41
27	Sympathetic activation restrains endothelium-mediated muscle vasodilatation in heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H593-H599.	1.5	37
28	Sympathetic nerve activity restrains reflex vasodilatation in heart failure. <i>Clinical Autonomic Research</i> , 2007, 17, 364-369.	1.4	35
29	Diet and exercise improve chemoreflex sensitivity in patients with metabolic syndrome and obstructive sleep apnea. <i>Obesity</i> , 2015, 23, 1582-1590.	1.5	34
30	Muscle electrical stimulation improves neurovascular control and exercise tolerance in hospitalised advanced heart failure patients. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1599-1608.	0.8	29
31	Effects of diet and exercise training on neurovascular control during mental stress in obese women. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 53-62.	0.7	28
32	The effects of exercise training on arterial baroreflex sensitivity in neurally mediated syncope patients. <i>European Heart Journal</i> , 2007, 28, 2749-2755.	1.0	28
33	Abnormal Neurovascular Control in Anabolic Androgenic Steroids Users. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 865-871.	0.2	28
34	Glu298Asp eNOS gene polymorphism causes attenuation in nonexercising muscle vasodilatation. <i>Physiological Genomics</i> , 2009, 37, 99-107.	1.0	27
35	Day-night pattern of autonomic nervous system modulation in patients with heart failure with and without sleep apnea. <i>International Journal of Cardiology</i> , 2011, 148, 53-58.	0.8	26
36	Exercise training prevents the deterioration in the arterial baroreflex control of sympathetic nerve activity in chronic heart failure patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1096-H1102.	1.5	26

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37	Blunted muscle vasodilatation during chemoreceptor stimulation in patients with heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H846-H852.	1.5	25
38	Left cardiac sympathetic denervation for treatment of symptomatic systolic heart failure patients: a pilot study. <i>European Journal of Heart Failure</i> , 2012, 14, 1366-1373.	2.9	25
39	Effects of losartan combined with exercise training in spontaneously hypertensive rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2003, 36, 1595-1603.	0.7	23
40	Mechanisms of Blunted Muscle Vasodilation During Peripheral Chemoreceptor Stimulation in Heart Failure Patients. <i>Hypertension</i> , 2012, 60, 669-676.	1.3	23
41	Time delay of baroreflex control and oscillatory pattern of sympathetic activity in patients with metabolic syndrome and obstructive sleep apnea. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1038-H1044.	1.5	23
42	Contribution of Autonomic Reflexes to the Hyperadrenergic State in Heart Failure. <i>Frontiers in Neuroscience</i> , 2017, 11, 162.	1.4	23
43	Effects of Cardiac Resynchronization Therapy on Muscle Sympathetic Nerve Activity. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014, 37, 11-18.	0.5	22
44	Exercise training improves neurovascular control and calcium cycling gene expression in patients with heart failure with cardiac resynchronization therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1180-H1188.	1.5	22
45	Effects of exercise training on neurovascular responses during handgrip exercise in heart failure patients. <i>International Journal of Cardiology</i> , 2011, 146, 122-125.	0.8	20
46	Influence of angiotensinogen and angiotensin-converting enzyme polymorphisms on cardiac hypertrophy and improvement on maximal aerobic capacity caused by exercise training. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 487-492.	3.1	19
47	Obstructive Sleep Apnea Impairs Postexercise Sympathovagal Balance in Patients with Metabolic Syndrome. <i>Sleep</i> , 2015, 38, 1059-1066.	0.6	17
48	The influence of aetiology on the benefits of exercise training in patients with heart failure. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 365-372.	0.8	17
49	Muscle sympathetic nerve activity in patients with Chagas' disease. <i>International Journal of Cardiology</i> , 2009, 137, 252-259.	0.8	15
50	Chemotherapy acutely impairs neurovascular and hemodynamic responses in women with breast cancer. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H1-H12.	1.5	15
51	Exercise training improves muscle vasodilatation in individuals with T786C polymorphism of endothelial nitric oxide synthase gene. <i>Physiological Genomics</i> , 2010, 42A, 71-77.	1.0	14
52	Impaired Post Exercise Heart Rate Recovery in Anabolic Steroid Users. <i>International Journal of Sports Medicine</i> , 2013, 34, 931-935.	0.8	13
53	Endothelial Nitric Oxide Synthase Polymorphisms and Adaptation of Parasympathetic Modulation to Exercise Training. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1611-1618.	0.2	12
54	Sympathetic nervous activity in patients with acute coronary syndrome: a comparative study of inflammatory biomarkers. <i>Clinical Science</i> , 2017, 131, 883-895.	1.8	12

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55	Cardiovascular, metabolic and hormonal responses to the progressive exercise performed to exhaustion in patients with type 2 diabetes treated with metformin or glyburide. <i>Diabetes, Obesity and Metabolism</i> , 2008, 10, 238-245.	2.2	11
56	Reversal of periodic breathing after aerobic training in heart failure. <i>European Respiratory Journal</i> , 2010, 35, 1409-1411.	3.1	10
57	Symptoms of anxiety and mood disturbance alter cardiac and peripheral autonomic control in patients with metabolic syndrome. <i>European Journal of Applied Physiology</i> , 2013, 113, 671-679.	1.2	9
58	Diet associated with exercise improves baroreflex control of sympathetic nerve activity in metabolic syndrome and sleep apnea patients. <i>Sleep and Breathing</i> , 2019, 23, 143-151.	0.9	8
59	Identifying the risk of obstructive sleep apnea in metabolic syndrome patients: Diagnostic accuracy of the Berlin Questionnaire. <i>PLoS ONE</i> , 2019, 14, e0217058.	1.1	8
60	The effects of metformin and glibenclamide on glucose metabolism, counter-regulatory hormones and cardiovascular responses in women with Type 2 diabetes during exercise of moderate intensity. <i>Diabetic Medicine</i> , 2007, 24, 592-599.	1.2	7
61	Ventilation variability inversely correlates to ejection fraction in heart failure. <i>European Respiratory Journal</i> , 2010, 36, 1482-1483.	3.1	7
62	The role of increased glucose on neurovascular dysfunction in patients with the metabolic syndrome. <i>Journal of Clinical Hypertension</i> , 2017, 19, 840-847.	1.0	7
63	Exaggerated Exercise Blood Pressure as a Marker of Baroreflex Dysfunction in Normotensive Metabolic Syndrome Patients. <i>Frontiers in Neuroscience</i> , 2021, 15, 680195.	1.4	7
64	Influence of demographic and metabolic variables on forearm blood flow and vascular conductance in individuals without overt heart disease. <i>Vascular Health and Risk Management</i> , 2010, 6, 431.	1.0	5
65	Predictors of Obstructive Sleep Apnea in Consecutive Patients with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2018, 16, 2-5.	0.5	5
66	Increased mechanoreceptor/metaboreceptor stimulation explains the exaggerated exercise pressor reflex seen in heart failure. <i>Journal of Applied Physiology</i> , 2007, 102, 498-501.	1.2	4
67	Effect of exercise training on cardiovascular autonomic and muscular function in subclinical Chagas cardiomyopathy: a randomized controlled trial. <i>Clinical Autonomic Research</i> , 2021, 31, 239-251.	1.4	4
68	A high-fat meal impairs muscle vasodilatation response to mental stress in humans with Glu27 beta2-adrenoceptor polymorphism. <i>Lipids in Health and Disease</i> , 2010, 9, 55.	1.2	3
69	Exercise-Induced Muscle Vasodilatation and Treadmill Exercise Test Responses in Individuals without Overt Heart Disease. <i>Cardiology</i> , 2014, 127, 38-44.	0.6	3
70	Neurovascular Control and Cardiac Structure in Amateur Runners with Hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 26-32.	0.2	3
71	Abnormal muscle vascular responses during exercise in myocardial infarction patients. <i>International Journal of Cardiology</i> , 2013, 165, 210-212.	0.8	2
72	Alpha2A-adrenergic receptor and eNOS genetic polymorphisms are associated with exercise muscle vasodilatation in apparently healthy individuals. <i>IJC Heart and Vasculature</i> , 2016, 13, 14-18.	0.6	2

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73	Neurovascular control during exercise in acute coronary syndrome patients with Gln27Glu polymorphism of β 2-adrenergic receptor. PLoS ONE, 2017, 12, e0173061.	1.1	2
74	Obstructive sleep apnea and chronic stress exacerbate sympathetic activation and baroreflex dysfunction in patients with metabolic syndrome. Autonomic Neuroscience: Basic and Clinical, 2011, 163, 79-80.	1.4	1
75	EFFECT OF EXERCISE TRAINING ON PLATELET AGGREGATION AND ON P2Y12 INHIBITOR RESISTANCE AFTER MYOCARDIAL INFARCTION: A RANDOMIZED CLINICAL TRIAL. Journal of the American College of Cardiology, 2020, 75, 1618.	1.2	1
76	Oscillatory Pattern of Sympathetic Nerve Bursts Is Associated With Baroreflex Function in Heart Failure Patients With Reduced Ejection Fraction. Frontiers in Neuroscience, 2021, 15, 669535.	1.4	1
77	Exercise-induced muscle vasodilatation and genetic polymorphisms of alpha-adrenergic receptors, endothelial nitric oxide synthase and bradykinin receptor B2 in individuals without overt heart disease. European Heart Journal, 2013, 34, P5699-P5699.	1.0	0
78	159 Abnormal neurovascular control during exercise and mental stress in hypertensive patients. European Heart Journal, 2003, 24, 16.	1.0	0
79	Glu298Asp eNOS Gene Polymorphism Causes Attenuation in Exercise-Induced Muscle Vasodilatation in Humans. FASEB Journal, 2008, 22, 1235.9.	0.2	0
80	Anabolic-Androgenic Steroids Attenuates the Reflex Muscle Vasodilatation. FASEB Journal, 2009, 23, 806.9.	0.2	0
81	Exercise Training Improves Heart Rate Recovery after Exercise in Hypertension. Motriz Revista De Educacao Fisica, 2019, 25, .	0.3	0