

Luiz Aparecido Bortolotto

List of Publications by Citations

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118
papers

4,133
citations

26
h-index

62
g-index

137
ext. papers

4,889
ext. citations

3.3
avg, IF

5.02
L-index

#	Paper	IF	Citations
118	Early signs of atherosclerosis in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 613-8	10.2	430
117	Obstructive sleep apnea: the most common secondary cause of hypertension associated with resistant hypertension. <i>Hypertension</i> , 2011 , 58, 811-7	8.5	422
116	Effects of continuous positive airway pressure on early signs of atherosclerosis in obstructive sleep apnea. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 706-12	10.2	413
115	Obstructive sleep apnea, hypertension, and their interaction on arterial stiffness and heart remodeling. <i>Chest</i> , 2007 , 131, 1379-86	5.3	190
114	Assessment of vascular aging and atherosclerosis in hypertensive subjects: second derivative of photoplethysmogram versus pulse wave velocity. <i>American Journal of Hypertension</i> , 2000 , 13, 165-71	2.3	183
113	Effects of continuous vs. interval exercise training on blood pressure and arterial stiffness in treated hypertension. <i>Hypertension Research</i> , 2010 , 33, 627-32	4.7	160
112	Effects of high-intensity aerobic interval training vs. moderate exercise on hemodynamic, metabolic and neuro-humoral abnormalities of young normotensive women at high familial risk for hypertension. <i>Hypertension Research</i> , 2010 , 33, 836-43	4.7	144
111	Effects of OSA treatment on BP in patients with resistant hypertension: a randomized trial. <i>Chest</i> , 2013 , 144, 1487-1494	5.3	140
110	Effects of Bariatric Surgery in Obese Patients With Hypertension: The GATEWAY Randomized Trial (Gastric Bypass to Treat Obese Patients With Steady Hypertension). <i>Circulation</i> , 2018 , 137, 1132-1142	16.7	139
109	Plasma homocysteine, aortic stiffness, and renal function in hypertensive patients. <i>Hypertension</i> , 1999 , 34, 837-42	8.5	124
108	Additive effects of obstructive sleep apnea and hypertension on early markers of carotid atherosclerosis. <i>Hypertension</i> , 2009 , 53, 64-9	8.5	112
107	The incremental role of obstructive sleep apnoea on markers of atherosclerosis in patients with metabolic syndrome. <i>Atherosclerosis</i> , 2010 , 208, 490-5	3.1	96
106	The aging process modifies the distensibility of elastic but not muscular arteries. <i>Hypertension</i> , 1999 , 34, 889-92	8.5	84
105	Potential underdiagnosis of obstructive sleep apnoea in the cardiology outpatient setting. <i>Heart</i> , 2015 , 101, 1288-92	5.1	77
104	Acute effects of continuous and interval aerobic exercise on 24-h ambulatory blood pressure in long-term treated hypertensive patients. <i>International Journal of Cardiology</i> , 2009 , 133, 381-7	3.2	77
103	Obstructive sleep apnea, masked hypertension, and arterial stiffness in men. <i>American Journal of Hypertension</i> , 2010 , 23, 249-54	2.3	70
102	Validation of two devices for self-measurement of blood pressure by elderly patients according to the revised British Hypertension Society protocol: the Omron HEM-722C and HEM-735C. <i>Blood Pressure Monitoring</i> , 1999 , 4, 21-5	1.3	57

101	Brazilian Guidelines of Hypertension - 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2021 , 116, 516-658	1.2	53
100	Hypertension Severity Is Associated With Impaired Cognitive Performance. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	50
99	Left atrial diameter is independently associated with arterial stiffness in patients with obstructive sleep apnea: potential implications for atrial fibrillation. <i>International Journal of Cardiology</i> , 2010 , 144, 257-9	3.2	49
98	Aging, carotid artery distensibility, and the Ser422Gly elastin gene polymorphism in humans. <i>Hypertension</i> , 2001 , 38, 1185-9	8.5	48
97	Evaluation of subclinical atherosclerosis by computed tomography coronary angiography and its association with risk factors in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2010 , 213, 486-91	3.1	47
96	Acute aerobic exercise reduces 24-h ambulatory blood pressure levels in long-term-treated hypertensive patients. <i>Clinics</i> , 2008 , 63, 753-8	2.3	42
95	Penetrance and clinical features of pheochromocytoma in a six-generation family carrying a germline TMEM127 mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E308-18	5.6	36
94	No correlation and low agreement of imaging and inflammatory atherosclerosis markers in familial hypercholesterolemia. <i>Atherosclerosis</i> , 2008 , 200, 83-8	3.1	34
93	Three-Year Outcomes of Bariatric Surgery in Patients With Obesity and Hypertension : A Randomized Clinical Trial. <i>Annals of Internal Medicine</i> , 2020 , 173, 685-693	8	27
92	Systemic inflammation and cardiovascular risk factors: are morbidly obese subjects different?. <i>Obesity Surgery</i> , 2008 , 18, 854-62	3.7	25
91	São Paulo call to action for the prevention and control of high blood pressure: 2020. <i>Journal of Clinical Hypertension</i> , 2019 , 21, 1744-1752	2.3	25
90	Association of obstructive sleep apnea with arterial stiffness and nondipping blood pressure in patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2017 , 19, 910-918	2.3	24
89	KCNJ5 Somatic Mutation Is a Predictor of Hypertension Remission After Adrenalectomy for Unilateral Primary Aldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019 , 104, 4695-4702	5.6	24
88	Arterial stiffness and its association with clustering of metabolic syndrome risk factors. <i>Diabetology and Metabolic Syndrome</i> , 2017 , 9, 87	5.6	24
87	Nondipping Blood Pressure Patterns Predict Obstructive Sleep Apnea in Patients Undergoing Ambulatory Blood Pressure Monitoring. <i>Hypertension</i> , 2018 , 72, 979-985	8.5	24
86	High dose of N-acetylcystein prevents acute kidney injury in chronic kidney disease patients undergoing myocardial revascularization. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 1617-23	2.7	23
85	Hemodynamic and metabolic profile in offspring of malignant hypertensive parents. <i>Hypertension</i> , 2001 , 38, 616-20	8.5	23
84	Reduced subclinical carotid vascular disease and arterial stiffness in vegetarian men: The CARVOS Study. <i>International Journal of Cardiology</i> , 2017 , 230, 562-566	3.2	22

83	Oxidative stress and endothelial dysfunction in chronic kidney disease. <i>Arquivos Brasileiros De Cardiologia</i> , 2009 , 92, 381-6, 398-403, 413-8	1.2	22
82	Haemodynamic, metabolic and neuro-humoral abnormalities in young normotensive women at high familial risk for hypertension. <i>Journal of Human Hypertension</i> , 2010 , 24, 814-22	2.6	20
81	Severe periodontitis is associated with diastolic blood pressure elevation in individuals with heterozygous familial hypercholesterolemia: a pilot study. <i>Journal of Periodontology</i> , 2011 , 82, 683-8	4.6	20
80	The role of myocardial scintigraphy in the assessment of cardiovascular risk in patients with end-stage chronic kidney disease on the waiting list for renal transplantation. <i>Nephrology Dialysis Transplantation</i> , 2012 , 27, 2979-84	4.3	20
79	Effects of Bariatric Surgery Versus Medical Therapy on the 24-Hour Ambulatory Blood Pressure and the Prevalence of Resistant Hypertension. <i>Hypertension</i> , 2019 , 73, 571-577	8.5	19
78	Coronary Artery Disease Assessment and Intervention in Renal Transplant Patients: Analysis from the KiHeart Cohort. <i>Transplantation</i> , 2016 , 100, 1580-7	1.8	19
77	Higher arterial stiffness is associated with lower cognitive performance in patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2018 , 20, 22-30	2.3	18
76	The Role of Metabolic Surgery on Blood Pressure Control. <i>Current Atherosclerosis Reports</i> , 2016 , 18, 50	6	17
75	Sinus bradycardia as a predictor of right coronary artery occlusion in patients with inferior myocardial infarction. <i>International Journal of Cardiology</i> , 1999 , 68, 75-82	3.2	17
74	Malignant hypertension is accompanied by marked alterations in chylomicron metabolism. <i>Hypertension</i> , 1995 , 26, 1207-10	8.5	17
73	Obstructive sleep apnea and effects of continuous positive airway pressure on triglyceride-rich lipoprotein metabolism. <i>Journal of Lipid Research</i> , 2018 , 59, 1027-1033	6.3	16
72	Gender differences of aortic wave reflection and influence of menopause on central blood pressure in patients with arterial hypertension. <i>BMC Cardiovascular Disorders</i> , 2018 , 18, 123	2.3	15
71	Effectiveness of chlorthalidone/amiloride versus losartan in patients with stage I hypertension: results from the PREVER-treatment randomized trial. <i>Journal of Hypertension</i> , 2016 , 34, 798-806	1.9	15
70	High muscle sympathetic nerve activity is associated with left ventricular dysfunction in treated hypertensive patients. <i>American Journal of Hypertension</i> , 2013 , 26, 912-7	2.3	14
69	Performance of NoSAS score versus Berlin questionnaire for screening obstructive sleep apnoea in patients with resistant hypertension. <i>Journal of Human Hypertension</i> , 2018 , 32, 518-523	2.6	14
68	Increased arterial stiffness assessed by pulse wave velocity in Behçet disease and its association with the lipid profile. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2013 , 27, 454-9	4.6	13
67	OSA and Prognosis After Acute Cardiogenic Pulmonary Edema: The OSA-CARE Study. <i>Chest</i> , 2017 , 152, 1230-1238	5.3	13
66	Association between the G protein beta3 subunit 825t allele and radial artery hypertrophy. <i>Journal of Vascular Research</i> , 2002 , 39, 497-503	1.9	13

65	Severe obstructive sleep apnea is associated with circulating microRNAs related to heart failure, myocardial ischemia, and cancer proliferation. <i>Sleep and Breathing</i> , 2020 , 24, 1463-1472	3.1	13
64	High Dialysate Calcium Concentration May Cause More Sympathetic Stimulus During Hemodialysis. <i>Kidney and Blood Pressure Research</i> , 2016 , 41, 978-985	3.1	12
63	Lack of circadian variation of pulse wave velocity measurements in healthy volunteers. <i>Journal of Clinical Hypertension</i> , 2011 , 13, 19-22	2.3	11
62	The impact of metabolic syndrome on metabolic, pro-inflammatory and prothrombotic markers according to the presence of high blood pressure criterion. <i>Clinics</i> , 2013 , 68, 1495-501	2.3	11
61	Arousals are frequent and associated with exacerbated blood pressure response in patients with primary hypertension. <i>American Journal of Hypertension</i> , 2013 , 26, 617-23	2.3	10
60	Heritability of arterial stiffness in a Brazilian population: Baependi Heart Study. <i>Journal of Hypertension</i> , 2017 , 35, 105-110	1.9	9
59	Glycemic control and arterial stiffness in a Brazilian rural population: Baependi Heart Study. <i>Diabetology and Metabolic Syndrome</i> , 2015 , 7, 86	5.6	9
58	Glomerular filtration rate measured by (51)Cr-EDTA clearance: Evaluation of captopril-induced changes in hypertensive patients with and without renal artery stenosis. <i>Clinics</i> , 2010 , 65, 607-12	2.3	9
57	Impact of hypertension severity on arterial stiffness, cerebral vasoreactivity, and cognitive performance. <i>Dementia E Neuropsychologia</i> , 2017 , 11, 389-397	2.1	8
56	Determinants of arterial stiffness in female patients with Takayasu arteritis. <i>Journal of Rheumatology</i> , 2014 , 41, 1374-8	4.1	8
55	Effects of estradiol alone and combined with norethisterone acetate on pulse-wave velocity in hypertensive postmenopausal women. <i>Gynecological Endocrinology</i> , 2006 , 22, 557-63	2.4	8
54	The role of increased glucose on neurovascular dysfunction in patients with the metabolic syndrome. <i>Journal of Clinical Hypertension</i> , 2017 , 19, 840-847	2.3	7
53	A new risk score model to predict the presence of significant coronary artery disease in renal transplant candidates. <i>Transplantation Research</i> , 2013 , 2, 18		7
52	The role of nephrectomy of the atrophic kidney in bearers of renovascular hypertension. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2010 , 36, 159-70	2	7
51	Phosphodiesterase 2A and 3B variants are associated with primary aldosteronism. <i>Endocrine-Related Cancer</i> , 2021 , 28, 1-13	5.7	7
50	Does Obstructive Sleep Apnea Influence Blood Pressure and Arterial Stiffness in Response to Antihypertensive Treatment?. <i>Hypertension</i> , 2018 , 72, 399-407	8.5	7
49	Obstructive sleep apnea is associated with interdialytic weight gain and increased long-term cardiovascular events in hemodialysis patients. <i>Sleep and Breathing</i> , 2018 , 22, 721-728	3.1	6
48	Ineffective peripheral tissue perfusion: Clinical validation in patients with hypertensive cardiomyopathy. <i>International Journal of Nursing Knowledge</i> , 2006 , 17, 97-107		6

47	A comparison between diuretics and angiotensin-receptor blocker agents in patients with stage I hypertension (PREVER-treatment trial): study protocol for a randomized double-blind controlled trial. <i>Trials</i> , 2011 , 12, 53	2.8	5
46	Prevalence of Metabolic Syndrome and Framingham Risk Score in Apparently Healthy Vegetarian and Omnivorous Men. <i>Arquivos Brasileiros De Cardiologia</i> , 2018 , 110, 430-437	1.2	5
45	Three-year effects of bariatric surgery on obstructive sleep apnea in patients with obesity grade 1 and 2: a sub-analysis of the GATEWAY trial. <i>International Journal of Obesity</i> , 2021 , 45, 914-917	5.5	5
44	There Is No Impact of Diabetes on the Endothelial Function of Chronic Kidney Disease Patients. <i>Journal of Diabetes Research</i> , 2018 , 2018, 7926473	3.9	5
43	Applicability of the Test of Variables of Attention - T.O.V.A in Brazilian adults. <i>Dementia E Neuropsychologia</i> , 2018 , 12, 394-401	2.1	5
42	Predictors of Obstructive Sleep Apnea in Consecutive Patients with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2018 , 16, 2-5	2.6	4
41	Cardiovascular risk reduction with periodontal treatment in patients on the waiting list for renal transplantation. <i>Clinical Transplantation</i> , 2019 , 33, e13658	3.8	4
40	Lipoic acid, but not tempol, preserves vascular compliance and decreases medial calcification in a model of elastocalcinosis. <i>Brazilian Journal of Medical and Biological Research</i> , 2014 , 47, 119-27	2.8	4
39	Which patients are more likely to benefit from renal transplantation?. <i>Clinical Transplantation</i> , 2012 , 26, 820-5	3.8	4
38	Prognostic Value of Serum Uric Acid in Patients on the Waiting List before and after Renal Transplantation. <i>International Journal of Nephrology</i> , 2015 , 2015, 375606	1.7	4
37	Atherosclerosis in obstructive sleep apnoea: it does not matter whether patients are sleepy or not. <i>Atherosclerosis</i> , 2010 , 211, 30-1	3.1	4
36	Human leukocyte antigens and malignant essential hypertension. <i>American Journal of Hypertension</i> , 1998 , 11, 729-31	2.3	4
35	The contrast-enhanced Doppler ultrasound with perfluorocarbon exposed sonicated albumin does not improve the diagnosis of renal artery stenosis compared with angiography. <i>Journal of Negative Results in BioMedicine</i> , 2004 , 3, 3		4
34	Renal artery stenosis predicts coronary artery disease in patients with hypertension. <i>PLoS ONE</i> , 2013 , 8, e58635	3.7	4
33	Obstructive Sleep Apnea, Sleep Duration, and Associated Mediators With Carotid Intima-Media Thickness: The ELSA-Brasil Study. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1549-1557	9.4	4
32	Effectiveness of chlorthalidone/amiloride versus losartan in patients with stage I hypertension and diabetes mellitus: results from the PREVER-treatment randomized controlled trial. <i>Acta Diabetologica</i> , 2021 , 58, 215-220	3.9	4
31	Association of Sodium with Obstructive Sleep Apnea. The ELSA-Brasil Study. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 502-510	4.7	4
30	Coronary events in obese hemodialysis patients before and after renal transplantation. <i>Clinical Transplantation</i> , 2015 , 29, 971-7	3.8	3

29	Aortic distensibility measured by pulse-wave velocity is not modified in patients with ChagasT disease. <i>Journal of Negative Results in BioMedicine</i> , 2006 , 5, 9		3
28	Malignant hypertension and hypertensive encephalopathy in primary aldosteronism caused by adrenal adenoma. <i>Arquivos Brasileiros De Cardiologia</i> , 2003 , 81, 97-100, 93-6	1.2	3
27	Cardiac and neurologic complications in malignant hypertension due to oral contraceptive use. <i>Blood Pressure</i> , 1994 , 3, 319-21	1.7	3
26	Systemic arterial hypertension and cognition in adults: effects on executive functioning. <i>Arquivos De Neuro-Psiquiatria</i> , 2020 , 78, 412-418	1.6	3
25	Shortening telomere is associated with subclinical atherosclerosis biomarker in omnivorous but not in vegetarian healthy men. <i>Aging</i> , 2019 , 11, 5070-5080	5.6	3
24	Neurovascular Control and Cardiac Structure in Amateur Runners with Hypertension. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 26-32	1.2	3
23	Hypertensive heart disease: Benefit of carvedilol in hemodynamic, left ventricular remodeling, and survival. <i>SAGE Open Medicine</i> , 2019 , 7, 2050312118823582	2.4	3
22	Vasculometabolic effects in patients with congenital growth hormone deficiency with and without GH replacement therapy during adulthood. <i>Pituitary</i> , 2021 , 24, 216-228	4.3	3
21	Early cardiovascular events and cardiovascular death after renal transplantation: role of pretransplant risk factors. <i>Clinical and Experimental Nephrology</i> , 2021 , 25, 545-553	2.5	3
20	Evaluation of a protocol for coronary artery disease investigation in asymptomatic elderly hemodialysis patients. <i>International Journal of Nephrology and Renovascular Disease</i> , 2018 , 11, 303-311	2.5	3
19	Resting spontaneous baroreflex sensitivity and cardiac autonomic control in anabolic androgenic steroid users. <i>Clinics</i> , 2018 , 73, e226	2.3	2
18	Effects of CPAP on inflammation in patients with obstructive sleep apnea: is it a matter of time or a matter of marker?. <i>American Journal of Hypertension</i> , 2011 , 24, 379-80	2.3	2
17	Increased arterial distensibility and renovascular hypertension in Goldenhar syndrome. <i>Clinics</i> , 2005 , 60, 173-6	2.3	2
16	CRISES HIPERTENSIVAS: DEFININDO A GRAVIDADE E O TRATAMENTO. <i>Revista Da Sociedade De Cardiologia Do Estado De São Paulo</i> , 2018 , 28, 254-259	1	2
15	Brazilian Position Statement on Resistant Hypertension - 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2020 , 114, 576-596	1.2	2
14	Distances walked in the six-minute walk test: suggestion of defining characteristic for the nursing diagnosis Ineffective Peripheral Tissue Perfusion. <i>Revista Latino-Americana De Enfermagem</i> , 2012 , 20, 251-8	1.5	1
13	Renal denervation by ablation with innovative technique in resistant hypertension. <i>Arquivos Brasileiros De Cardiologia</i> , 2013 , 101, e77-9	1.2	1
12	May Measurement Month 2018: an analysis of blood pressure screening results from Brazil. <i>European Heart Journal Supplements</i> , 2020 , 22, H26-H29	1.5	1

11	Diabetes, Cardiovascular Disease, and Cardiovascular Risk in Patients with Chronic Kidney Disease. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2021 , 28, 159-165	2.9	1
10	Large Artery Dysfunction in Primary Antiphospholipid Syndrome. <i>Journal of Clinical Rheumatology</i> , 2018 , 24, 14-17	1.1	1
9	Endothelium and Arterial Hypertension 2018 , 429-437		1
8	Arterial stiffness and atrial fibrillation: A review.. <i>Clinics</i> , 2022 , 77, 100014	2.3	1
7	Safety of Atorvastatin in Patients With Stable Systemic Autoimmune Myopathies: A Pilot Longitudinal Study. <i>Journal of Clinical Rheumatology</i> , 2021 , 27, S236-S241	1.1	0
6	Intermittent claudication and severe renal artery stenosis are independently associated in hypertensive patients referred for renal arteriography. <i>Clinics</i> , 2017 , 72, 411-414	2.3	
5	HR Dynamic To Exercise And CRF Of Young Women At High Familial Risk Of Hypertension: Effects Of Interval Versus Continuous Training. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 358	1.2	
4	Invasive coronary artery disease assessment and myocardial infarction in patients on renal replacement therapy.. <i>International Urology and Nephrology</i> , 2022 , 1	2.3	
3	Factors associated with subendocardial ischemia risk in patients on hemodialysis. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2016 , 38, 320-326 ^{1.5}		
2	May Measurement Month 2019: an analysis of blood pressure screening results from Brazil. <i>European Heart Journal Supplements</i> , 2021 , 23, B30-B32	1.5	
1	The effect of continuous positive airway pressure on blood pressure in patients with obstructive sleep apnea and uncontrolled hypertension - Study design and challenges during the COVID-19 pandemic. <i>Clinics</i> , 2021 , 76, e2926	2.3	