## Luiz Aparecido Bortolotto

List of Publications by Year in descending order

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129 papers 5,648 citations

32 h-index 72 g-index

137 all docs

137 docs citations

137 times ranked

6204 citing authors

#	Article	IF	CITATIONS
1	Obstructive Sleep Apnea. Hypertension, 2011, 58, 811-817.	1.3	560
2	Early Signs of Atherosclerosis in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 613-618.	2.5	496
3	Effects of Continuous Positive Airway Pressure on Early Signs of Atherosclerosis in Obstructive Sleep Apnea. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 706-712.	2.5	490
4	Diretrizes Brasileiras de Hipertensão Arterial – 2020. Arquivos Brasileiros De Cardiologia, 2021, 116, 516-658.	0.3	340
5	Obstructive Sleep Apnea, Hypertension, and Their Interaction on Arterial Stiffness and Heart Remodeling. Chest, 2007, 131, 1379-1386.	0.4	230
6	Assessment of vascular aging and atherosclerosis in hypertensive subjects: second derivative of photoplethysmogram versus pulse wave velocity. American Journal of Hypertension, 2000, 13, 165-171.	1.0	222
7	Effects of Bariatric Surgery in Obese Patients With Hypertension. Circulation, 2018, 137, 1132-1142.	1.6	209
8	Effects of continuous vs. interval exercise training on blood pressure and arterial stiffness in treated hypertension. Hypertension Research, 2010, 33, 627-632.	1.5	202
9	Effects of OSA Treatment on BP in Patients With Resistant Hypertension. Chest, 2013, 144, 1487-1494.	0.4	180
10	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. Hypertension Research, 2010, 33, 836-843.	1.5	171
11	Plasma Homocysteine, Aortic Stiffness, and Renal Function in Hypertensive Patients. Hypertension, 1999, 34, 837-842.	1.3	136
12	Additive Effects of Obstructive Sleep Apnea and Hypertension on Early Markers of Carotid Atherosclerosis. Hypertension, 2009, 53, 64-69.	1.3	134
13	The incremental role of obstructive sleep apnoea on markers of atherosclerosis in patients with metabolic syndrome. Atherosclerosis, 2010, 208, 490-495.	0.4	131
14	Potential underdiagnosis of obstructive sleep apnoea in the cardiology outpatient setting. Heart, 2015, 101, 1288-1292.	1.2	100
15	Acute effects of continuous and interval aerobic exercise on 24-h ambulatory blood pressure in long-term treated hypertensive patients. International Journal of Cardiology, 2009, 133, 381-387.	0.8	96
16	The Aging Process Modifies the Distensibility of Elastic but not Muscular Arteries. Hypertension, 1999, 34, 889-892.	1.3	95
17	Obstructive Sleep Apnea, Masked Hypertension, and Arterial Stiffness in Men. American Journal of Hypertension, 2010, 23, 249-254.	1.0	84
18	Evaluation of subclinical atherosclerosis by computed tomography coronary angiography and its association with risk factors in familial hypercholesterolemia. Atherosclerosis, 2010, 213, 486-491.	0.4	68

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19	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. Blood Pressure Monitoring, 1999, 4, 21-25.	0.4	64
20	Hypertension Severity Is Associated With Impaired Cognitive Performance. Journal of the American Heart Association, 2017, 6, .	1.6	64
21	Left atrial diameter is independently associated with arterial stiffness in patients with obstructive sleep apnea: Potential implications for atrial fibrillation. International Journal of Cardiology, 2010, 144, 257-259.	0.8	56
22	Three-Year Outcomes of Bariatric Surgery in Patients With Obesity and Hypertension. Annals of Internal Medicine, 2020, 173, 685-693.	2.0	55
23	Aging, Carotid Artery Distensibility, and the Ser422Gly Elastin Gene Polymorphism in Humans. Hypertension, 2001, 38, 1185-1189.	1.3	54
24	$S\tilde{A}$ £o Paulo call to action for the prevention and control of high blood pressure: 2020. Journal of Clinical Hypertension, 2019, 21, 1744-1752.	1.0	53
25	Acute Aerobic Exercise Reduces 24-H Ambulatory Blood Pressure Levels in Long-Term-Treated Hypertensive Patients. Clinics, 2008, 63, 753-758.	0.6	51
26	No correlation and low agreement of imaging and inflammatory atherosclerosis' markers in familial hypercholesterolemia. Atherosclerosis, 2008, 200, 83-88.	0.4	47
27	Penetrance and Clinical Features of Pheochromocytoma in a Six-Generation Family Carrying a Germline TMEM127 Mutation. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E308-E318.	1.8	44
28	Nondipping Blood Pressure Patterns Predict Obstructive Sleep Apnea in Patients Undergoing Ambulatory Blood Pressure Monitoring. Hypertension, 2018, 72, 979-985.	1.3	43
29	KCNJ5 Somatic Mutation Is a Predictor of Hypertension Remission After Adrenalectomy for Unilateral Primary Aldosteronism. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 4695-4702.	1.8	42
30	Arterial stiffness and its association with clustering of metabolic syndrome risk factors. Diabetology and Metabolic Syndrome, 2017, 9, 87.	1.2	37
31	Gender differences of aortic wave reflection and influence of menopause on central blood pressure in patients with arterial hypertension. BMC Cardiovascular Disorders, 2018, 18, 123.	0.7	36
32	Effects of Bariatric Surgery Versus Medical Therapy on the 24-Hour Ambulatory Blood Pressure and the Prevalence of Resistant Hypertension. Hypertension, 2019, 73, 571-577.	1.3	34
33	Association of obstructive sleep apnea with arterial stiffness and nondipping blood pressure in patients with hypertension. Journal of Clinical Hypertension, 2017, 19, 910-918.	1.0	33
34	High Dose of N-Acetylcystein Prevents Acute Kidney Injury in Chronic Kidney Disease Patients Undergoing Myocardial Revascularization. Annals of Thoracic Surgery, 2014, 97, 1617-1623.	0.7	32
35	Reduced subclinical carotid vascular disease and arterial stiffness in vegetarian men: The CARVOS Study. International Journal of Cardiology, 2017, 230, 562-566.	0.8	31
36	Estresse oxidativo e disfunção endotelial na doença renal crônica. Arquivos Brasileiros De Cardiologia, 2009, 92, 381-6, 398-403, 413-8.	0.3	30

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37	Coronary Artery Disease Assessment and Intervention in Renal Transplant Patients. Transplantation, 2016, 100, 1580-1587.	0.5	30
38	Obstructive sleep apnea and effects of continuous positive airway pressure on triglyceride-rich lipoprotein metabolism. Journal of Lipid Research, 2018, 59, 1027-1033.	2.0	30
39	Hemodynamic and Metabolic Profile in Offspring of Malignant Hypertensive Parents. Hypertension, 2001, 38, 616-620.	1.3	29
40	Systemic Inflammation and Cardiovascular Risk Factors: Are Morbidly Obese Subjects Different?. Obesity Surgery, 2008, 18, 854-862.	1.1	29
41	Severe obstructive sleep apnea is associated with circulating microRNAs related to heart failure, myocardial ischemia, and cancer proliferation. Sleep and Breathing, 2020, 24, 1463-1472.	0.9	26
42	Haemodynamic, metabolic and neuro-humoral abnormalities in young normotensive women at high familial risk for hypertension. Journal of Human Hypertension, 2010, 24, 814-822.	1.0	24
43	Severe Periodontitis Is Associated With Diastolic Blood Pressure Elevation in Individuals With Heterozygous Familial Hypercholesterolemia: A Pilot Study. Journal of Periodontology, 2011, 82, 683-688.	1.7	24
44	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. Nephrology Dialysis Transplantation, 2012, 27, 2979-2984.	0.4	24
45	OSA and Prognosis After Acute Cardiogenic Pulmonary Edema. Chest, 2017, 152, 1230-1238.	0.4	24
46	Malignant Hypertension Is Accompanied by Marked Alterations in Chylomicron Metabolism. Hypertension, 1995, 26, 1207-1210.	1.3	24
47	The Role of Metabolic Surgery on Blood Pressure Control. Current Atherosclerosis Reports, 2016, 18, 50.	2.0	22
48	Performance of NoSAS score versus Berlin questionnaire for screening obstructive sleep apnoea in patients with resistant hypertension. Journal of Human Hypertension, 2018, 32, 518-523.	1.0	22
49	Sinus bradycardia as a predictor of right coronary artery occlusion in patients with inferior myocardial infarction. International Journal of Cardiology, 1999, 68, 75-82.	0.8	20
50	Higher arterial stiffness is associated with lower cognitive performance in patients with hypertension. Journal of Clinical Hypertension, 2018, 20, 22-30.	1.0	20
51	Effects of CPAP on Metabolic Syndrome in Patients With OSA. Chest, 2022, 161, 1370-1381.	0.4	19
52	Increased arterial stiffness assessed by pulse wave velocity in Behçet's disease and its association with the lipid profile. Journal of the European Academy of Dermatology and Venereology, 2013, 27, 454-459.	1.3	18
53	Effectiveness of chlorthalidone/amiloride versus losartan in patients with stage I hypertension. Journal of Hypertension, 2016, 34, 798-806.	0.3	17
54	Phosphodiesterase 2A and 3B variants are associated with primary aldosteronism. Endocrine-Related Cancer, 2021, 28, 1-13.	1.6	17

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55	Obstructive Sleep Apnea, Sleep Duration, and Associated Mediators With Carotid Intima-Media Thickness. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 1549-1557.	1.1	17
56	High Muscle Sympathetic Nerve Activity Is Associated With Left Ventricular Dysfunction in Treated Hypertensive Patients. American Journal of Hypertension, 2013, 26, 912-917.	1.0	16
57	Association between the G Protein $\hat{l}^2$ 3 Subunit 825t Allele and Radial Artery Hypertrophy. Journal of Vascular Research, 2002, 39, 497-503.	0.6	15
58	Determinants of Arterial Stiffness in Female Patients with Takayasu Arteritis. Journal of Rheumatology, 2014, 41, 1374-1378.	1.0	15
59	High Dialysate Calcium Concentration May Cause More Sympathetic Stimulus During Hemodialysis. Kidney and Blood Pressure Research, 2016, 41, 978-985.	0.9	15
60	Heritability of arterial stiffness in a Brazilian population. Journal of Hypertension, 2017, 35, 105-110.	0.3	15
61	Does Obstructive Sleep Apnea Influence Blood Pressure and Arterial Stiffness in Response to Antihypertensive Treatment?. Hypertension, 2018, 72, 399-407.	1.3	14
62	Lack of Circadian Variation of Pulse Wave Velocity Measurements in Healthy Volunteers. Journal of Clinical Hypertension, 2011, 13, 19-22.	1.0	13
63	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. International Journal of Obesity, 2021, 45, 914-917.	1.6	13
64	Arousals Are Frequent and Associated With Exacerbated Blood Pressure Response in Patients With Primary Hypertension. American Journal of Hypertension, 2013, 26, 617-623.	1.0	12
65	Glomerular filtration rate measured by 51Cr-EDTA clearance: evaluation of captopril-induced changes in hypertensive patients with and without renal artery stenosis. Clinics, 2010, 65, 607-612.	0.6	11
66	A new risk score model to predict the presence of significant coronary artery disease in renal transplant candidates. Transplantation Research, 2013, 2, 18.	1.5	11
67	Glycemic control and arterial stiffness in a Brazilian rural population: Baependi Heart Study. Diabetology and Metabolic Syndrome, 2015, 7, 86.	1.2	11
68	The impact of metabolic syndrome on metabolic, pro-inflammatory and prothrombotic markers according to the presence of high blood pressure criterion. Clinics, 2013, 68, 1495-1501.	0.6	11
69	Effects of estradiol alone and combined with norethisterone acetate on pulse-wave velocity in hypertensive postmenopausal women. Gynecological Endocrinology, 2006, 22, 557-563.	0.7	10
70	Impact of hypertension severity on arterial stiffness, cerebral vasoreactivity, and cognitive performance. Dementia E Neuropsychologia, 2017, 11, 389-397.	0.3	10
71	Cardiovascular risk reduction with periodontal treatment in patients on the waiting list for renal transplantation. Clinical Transplantation, 2019, 33, e13658.	0.8	9
72	The role of nephrectomy of the atrophic kidney in bearers of renovascular hypertension. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2010, 36, 159-170.	0.7	8

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73	Obstructive sleep apnea is associated with interdialytic weight gain and increased long-term cardiovascular events in hemodialysis patients. Sleep and Breathing, 2018, 22, 721-728.	0.9	8
74	Association of Sodium with Obstructive Sleep Apnea. The ELSA-Brasil Study. Annals of the American Thoracic Society, 2021, 18, 502-510.	1.5	8
75	Posicionamento Brasileiro sobre Hipertensão Arterial Resistente – 2020. Arquivos Brasileiros De Cardiologia, 2020, 114, 576-596.	0.3	8
76	Arterial stiffness and atrial fibrillation: A review. Clinics, 2022, 77, 100014.	0.6	8
77	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. Trials, 2011, 12, 53.	0.7	7
78	The role of increased glucose on neurovascular dysfunction in patients with the metabolic syndrome. Journal of Clinical Hypertension, 2017, 19, 840-847.	1.0	7
79	There Is No Impact of Diabetes on the Endothelial Function of Chronic Kidney Disease Patients. Journal of Diabetes Research, 2018, 2018, 1-8.	1.0	7
80	Applicability of the Test of Variables of Attention $\hat{a}\in$ T.O.V.A in Brazilian adults. Dementia E Neuropsychologia, 2018, 12, 394-401.	0.3	7
81	Diastolic and systolic left ventricular dysfunction and mortality in chronic kidney disease patients on haemodialysis. Nephrology, 2022, 27, 66-73.	0.7	7
82	Systemic arterial hypertension and cognition in adults: effects on executive functioning. Arquivos De Neuro-Psiquiatria, 2020, 78, 412-418.	0.3	7
83	Prevalence of Metabolic Syndrome and Framingham Risk Score in Apparently Healthy Vegetarian and Omnivorous Men. Arquivos Brasileiros De Cardiologia, 2018, 110, 430-437.	0.3	7
84	Human Leukocyte Antigens and Malignant Essential Hypertension. American Journal of Hypertension, 1998, 11, 729-731.	1.0	6
85	The contrast-enhanced Doppler ultrasound with perfluorocarbon exposed sonicated albumin does not improve the diagnosis of renal artery stenosis compared with angiography. Journal of Negative Results in BioMedicine, 2004, 3, 3.	1.4	6
86	Ineffective Peripheral Tissue Perfusion: Clinical Validation in Patients With Hypertensive Cardiomiopathy. International Journal of Nursing Knowledge, 2006, 17, 97-107.	0.5	6
87	Lipoic acid, but not tempol, preserves vascular compliance and decreases medial calcification in a model of elastocalcinosis. Brazilian Journal of Medical and Biological Research, 2014, 47, 119-127.	0.7	6
88	Effectiveness of chlorthalidone/amiloride versus losartan in patients with stage I hypertension and diabetes mellitus: results from the PREVER-treatment randomized controlled trial. Acta Diabetologica, 2021, 58, 215-220.	1,2	6
89	Vasculometabolic effects in patients with congenital growth hormone deficiency with and without GH replacement therapy during adulthood. Pituitary, 2021, 24, 216-228.	1.6	6
90	Shortening telomere is associated with subclinical atherosclerosis biomarker in omnivorous but not in vegetarian healthy men. Aging, 2019, 11, 5070-5080.	1.4	6

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91	Cardiac and Neurologic Complications in Malignant Hypertension due to Oral Contraceptive Use. Blood Pressure, 1994, 3, 319-321.	0.7	5
92	Malignant hypertension and hypertensive encephalopathy in primary aldosteronism caused by adrenal adenoma. Arquivos Brasileiros De Cardiologia, 2003, 81, 97-100, 93-6.	0.3	5
93	Prognostic Value of Serum Uric Acid in Patients on the Waiting List before and after Renal Transplantation. International Journal of Nephrology, 2015, 2015, 1-6.	0.7	5
94	Predictors of Obstructive Sleep Apnea in Consecutive Patients with Metabolic Syndrome. Metabolic Syndrome and Related Disorders, 2018, 16, 2-5.	0.5	5
95	Evaluation of a protocol for coronary artery disease investigation in asymptomatic elderly hemodialysis patients. International Journal of Nephrology and Renovascular Disease, 2018, Volume 11, 303-311.	0.8	5
96	Diabetes, Cardiovascular Disease, and Cardiovascular Risk in Patients with Chronic Kidney Disease. High Blood Pressure and Cardiovascular Prevention, 2021, 28, 159-165.	1.0	5
97	Aortic distensibility measured by pulse-wave velocity is not modified in patients with Chagas' disease. Journal of Negative Results in BioMedicine, 2006, 5, 9.	1.4	4
98	Atherosclerosis in obstructive sleep apnoea: It does not matter whether patients are sleepy or not. Atherosclerosis, 2010, 211, 30-31.	0.4	4
99	Which patients are more likely to benefit from renal transplantation?. Clinical Transplantation, 2012, 26, 820-825.	0.8	4
100	Resting spontaneous baroreflex sensitivity and cardiac autonomic control in anabolic androgenic steroid users. Clinics, 2018, 73, e226.	0.6	4
101	Hypertensive heart disease: Benefit of carvedilol in hemodynamic, left ventricular remodeling, and survival. SAGE Open Medicine, 2019, 7, 205031211882358.	0.7	4
102	Renal Artery Stenosis Predicts Coronary Artery Disease in Patients with Hypertension. PLoS ONE, 2013, 8, e58635.	1.1	4
103	Distances walked in the six-minute walk test: suggestion of defining characteristic for the nursing diagnosis Ineffective Peripheral Tissue Perfusion. Revista Latino-Americana De Enfermagem, 2012, 20, 251-258.	0.4	3
104	Coronary events in obese hemodialysis patients before and after renal transplantation. Clinical Transplantation, 2015, 29, 971-977.	0.8	3
105	Neurovascular Control and Cardiac Structure in Amateur Runners with Hypertension. Medicine and Science in Sports and Exercise, 2016, 48, 26-32.	0.2	3
106	Endothelium and Arterial Hypertension. , 2018, , 429-437.		3
107	Early cardiovascular events and cardiovascular death after renal transplantation: role of pretransplant risk factors. Clinical and Experimental Nephrology, 2021, 25, 545-553.	0.7	3
108	Increased arterial distensibility and renovascular hypertension in Goldenhar syndrome. Clinics, 2005, 60, 173-6.	0.6	3

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109	CRISES HIPERTENSIVAS: DEFININDO A GRAVIDADE E O TRATAMENTO. Revista Da Sociedade De Cardiologia Do Estado De São Paulo, 2018, 28, 254-259.	0.2	3
110	Effects of CPAP on Inflammation in Patients With Obstructive Sleep Apnea: Is it a Matter of Time or a Matter of Marker?. American Journal of Hypertension, 2011, 24, 379-380.	1.0	2
111	Renal Denervation by Ablation with Innovative Technique in Resistant Hypertension. Arquivos Brasileiros De Cardiologia, 2013, 101, e77-9.	0.3	2
112	Twenty-four-hour monitoring of blood pressure and heart rate in heart transplant patients. Journal of Hypertension, 1991, 9, S342.	0.3	2
113	Safety of Atorvastatin in Patients With Stable Systemic Autoimmune Myopathies. Journal of Clinical Rheumatology, 2021, 27, S236-S241.	0.5	2
114	Directly observed therapy for resistant/refractory hypertension diagnosis and blood pressure control. Heart, 2022, 108, 1952-1956.	1.2	2
115	Large Artery Dysfunction in Primary Antiphospholipid Syndrome. Journal of Clinical Rheumatology, 2018, 24, 14-17.	0.5	1
116	May Measurement Month 2018: an analysis of blood pressure screening results from Brazil. European Heart Journal Supplements, 2020, 22, H26-H29.	0.0	1
117	May Measurement Month 2019: an analysis of blood pressure screening results from Brazil. European Heart Journal Supplements, 2021, 23, B30-B32.	0.0	1
118	Factors associated with subendocardial ischemia risk in patients on hemodialysis. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2016, 38, 320-326.	0.4	1
119	DEVELOPMENT AND IMPLEMENTATION OF THE E-CARE PORTAL HEALTH EDUCATION FOR HYPERTENSION. INTED Proceedings, 2017, , .	0.0	1
120	HR Dynamic To Exercise And CRF Of Young Women At High Familial Risk Of Hypertension: Effects Of Interval Versus Continuous Training. Medicine and Science in Sports and Exercise, 2010, 42, 358.	0.2	0
121	Maximal Dynamic Strength Testing Does Not Alter Arterial Stiffness In Older Adults. Medicine and Science in Sports and Exercise, 2014, 46, 538.	0.2	0
122	Intermittent claudication and severe renal artery stenosis are independently associated in hypertensive patients referred for renal arteriography. Clinics, 2017, 72, 411-414.	0.6	0
123	PO153IS THERE ANY VALUE FOR HOSPITALIZATION FOR CHECKING MEDICATION ADHERENCE DUE TO RESISTANT AND REFRACTORY HYPERTENSION SUSPICIOUS? IMPLICATIONS FOR MID-TERM FOR BLOOD PRESSURE CONTROL. Nephrology Dialysis Transplantation, 2020, 35, .	0.4	0
124	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. Clinics, 2021, 76, e2926.	0.6	0
125	Prevalence of Frailty in Patients Undergoing Cardiac Valve Surgery: Comparison of Frailty Tools. International Journal of Cardiovascular Sciences, 2021, , .	0.0	0
126	Abstract P628: The Influence Of Religiosity On The Embracement Vs. Technology Based Distance Learning In Therapy Adherence In Patient Hypertensive. Hypertension, 2016, 68, .	1.3	0

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127	Religiosity Index and Quality of Life in the search for better blood pressure control. Mundo Da Saude, 2018, 42, 932-957.	0.0	0
128	Mudanças Posturais e suas Influencias no Comportamento Funcional de Grandes Artérias. Arquivos Brasileiros De Cardiologia, 2019, 113, 1082-1083.	0.3	0
129	Invasive coronary artery disease assessment and myocardial infarction in patients on renal replacement therapy. International Urology and Nephrology, 2022, , 1.	0.6	O