

# Paolo Salvi

## List of Publications by Year in descending order

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Version: 2024-02-01

94  
papers

3,887  
citations

136950

32  
h-index

128289

60  
g-index

97  
all docs

97  
docs citations

97  
times ranked

5172  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sodium Intake and Hypertension. <i>Nutrients</i> , 2019, 11, 1970.	4.1	335
2	Validation of a new non-invasive portable tonometer for determining arterial pressure wave and pulse wave velocity. <i>Journal of Hypertension</i> , 2004, 22, 2285-2293.	0.5	245
3	Reference Values of Pulse Wave Velocity in Healthy Children and Teenagers. <i>Hypertension</i> , 2010, 56, 217-224.	2.7	245
4	Relationship Between Short-Term Blood Pressure Variability and Large-Artery Stiffness in Human Hypertension. <i>Hypertension</i> , 2012, 60, 369-377.	2.7	236
5	Treatment With Multiple Blood Pressure Medications, Achieved Blood Pressure, and Mortality in Older Nursing Home Residents. <i>JAMA Internal Medicine</i> , 2015, 175, 989.	5.1	225
6	Pulse Pressure Amplification. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1032-1037.	2.8	198
7	Mortality and Cardiovascular Events Are Best Predicted by Low Central/Peripheral Pulse Pressure Amplification But Not by High Blood Pressure Levels in Elderly Nursing Home Subjects. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1503-1511.	2.8	156
8	Association between serum uric acid, hypertension, vascular stiffness and subclinical atherosclerosis. <i>Journal of Hypertension</i> , 2014, 32, 57-64.	0.5	141
9	Prognostic Value of Blood Pressure Variability and Average Blood Pressure Levels in Patients With Hypertension and Diabetes. <i>Diabetes Care</i> , 2013, 36, S312-S324.	8.6	130
10	Comparative study of methodologies for pulse wave velocity estimation. <i>Journal of Human Hypertension</i> , 2008, 22, 669-677.	2.2	108
11	Increased arterial stiffness in nonalcoholic fatty liver disease: the Cardio-GOOSE study. <i>Journal of Hypertension</i> , 2010, 28, 1699-1707.	0.5	103
12	Pulse Wave Velocity Assessment by External Noninvasive Devices and Phase-Contrast Magnetic Resonance Imaging in the Obese. <i>Hypertension</i> , 2009, 54, 421-426.	2.7	97
13	Noninvasive Estimation of Aortic Stiffness Through Different Approaches. <i>Hypertension</i> , 2019, 74, 117-129.	2.7	89
14	Orthostatic hypotension in very old individuals living in nursing homes. <i>Journal of Hypertension</i> , 2012, 30, 53-60.	0.5	78
15	Effects of acetazolamide on central blood pressure, peripheral blood pressure, and arterial distensibility at acute high altitude exposure. <i>European Heart Journal</i> , 2013, 34, 759-766.	2.2	74
16	Circulating endothelial progenitor cells and large artery structure and function in young subjects with uncomplicated Type 1 Diabetes. <i>Cardiovascular Diabetology</i> , 2011, 10, 88.	6.8	71
17	Obstructive sleep apnea syndrome as a cause of resistant hypertension. <i>Hypertension Research</i> , 2014, 37, 601-613.	2.7	71
18	Pulse Wave Velocity is Associated With 1-Year Cognitive Decline in the Elderly Older than 80 Years: The PARTAGE Study. <i>Journal of the American Medical Directors Association</i> , 2012, 13, 239-243.	2.5	61

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19	Determinants of arterial stiffness in an apparently healthy population over 60 years. <i>Journal of Human Hypertension</i> , 2006, 20, 749-756.	2.2	54
20	Simultaneous Measurement of Beat-to-Beat Carotid Diameter and Pressure Changes to Assess Arterial Mechanical Properties. <i>Hypertension</i> , 2008, 52, 896-902.	2.7	54
21	Left ventricular ejection time, not heart rate, is an independent correlate of aortic pulse wave velocity. <i>Journal of Applied Physiology</i> , 2013, 115, 1610-1617.	2.5	51
22	Short-Term Repeatability of Noninvasive Aortic Pulse Wave Velocity Assessment: Comparison Between Methods and Devices. <i>American Journal of Hypertension</i> , 2018, 31, 80-88.	2.0	50
23	Reference values of aortic pulse wave velocity in the elderly. <i>Journal of Hypertension</i> , 2008, 26, 2207-2212.	0.5	49
24	Pulse pressure amplification, pressure waveform calibration and clinical applications. <i>Atherosclerosis</i> , 2012, 224, 108-112.	0.8	47
25	Blood pressure and pulse wave velocity values in the institutionalized elderly aged 80 and over: baseline of the PARTAGE study. <i>Journal of Hypertension</i> , 2010, 28, 41-50.	0.5	46
26	Measurement of pulse wave velocity in children and young adults: a comparative study using three different devices. <i>Hypertension Research</i> , 2011, 34, 1197-1202.	2.7	45
27	Ageing, High Altitude, and Blood Pressure: A Complex Relationship. <i>High Altitude Medicine and Biology</i> , 2015, 16, 97-109.	0.9	39
28	Changes in Subendocardial Viability Ratio With Acute High-Altitude Exposure and Protective Role of Acetazolamide. <i>Hypertension</i> , 2013, 61, 793-799.	2.7	38
29	Blood pressure regulation during the aging process: the end of the "hypertension era"? <i>Journal of Hypertension</i> , 2011, 29, 646-652.	0.5	36
30	Subendocardial Viability Ratio Predicts Cardiovascular Mortality in Chronic Kidney Disease Patients. <i>Blood Purification</i> , 2013, 36, 26-28.	1.8	36
31	Heart disease and changes in pulse wave velocity and pulse pressure amplification in the elderly over 80 years: the PARTAGE Study. <i>Journal of Hypertension</i> , 2010, 28, 2127-2133.	0.5	34
32	Pulse Waves. , 2012, , .		34
33	ABCA1-dependent serum cholesterol efflux capacity inversely correlates with pulse wave velocity in healthy subjects. <i>Journal of Lipid Research</i> , 2013, 54, 238-243.	4.2	33
34	Pre-existing arterial stiffness can predict hypotension during induction of anaesthesia in the elderly. <i>British Journal of Anaesthesia</i> , 2010, 105, 583-588.	3.4	32
35	Pulse Waves. , 2017, , .		28
36	Noninvasive estimation of central blood pressure and analysis of pulse waves by applanation tonometry. <i>Hypertension Research</i> , 2015, 38, 646-648.	2.7	26

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37	Mean arterial pressure estimated by brachial pulse wave analysis and comparison with currently used algorithms. <i>Journal of Hypertension</i> , 2020, 38, 2161-2168.	0.5	26
38	Assessment and interpretation of blood pressure variability in a clinical setting. <i>Blood Pressure</i> , 2013, 22, 345-354.	1.5	25
39	Ischemic changes in exercise ECG in a hypertensive subject acutely exposed to high altitude. Possible role of a high-altitude induced imbalance in myocardial oxygen supplyâ€“demand. <i>International Journal of Cardiology</i> , 2014, 171, e100-e102.	1.7	25
40	Do Arterial Hemodynamic Parameters Predict Cognitive Decline Over a Period of 2ÂYears in Individuals Older Than 80ÂYears Living in Nursing Homes? The PARTAGE Study. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 598-602.	2.5	23
41	Aortic dilatation in Marfan syndrome. <i>Journal of Hypertension</i> , 2018, 36, 77-84.	0.5	23
42	Unreliable Estimation of Aortic Pulse Wave Velocity Provided by the Mobilâ€“Graph Algorithmâ€“Based System in Marfan Syndrome. <i>Journal of the American Heart Association</i> , 2019, 8, e04028.	3.7	23
43	The Effect of Lowâ€“Dose Carvedilol, Nebivolol, and Metoprolol on Central Arterial Pressure and Its Determinants: A Randomized Clinical Trial. <i>Journal of Clinical Hypertension</i> , 2013, 15, 910-917.	2.0	22
44	Aortic stiffness and myocardial ischemia. <i>Journal of Hypertension</i> , 2015, 33, 1767-1771.	0.5	20
45	Relationship between tissue glycation measured by autofluorescence and pulse wave velocity in young and elderly non-diabetic populations. <i>Diabetes and Metabolism</i> , 2012, 38, 413-419.	2.9	18
46	Association of Current Weight and Birth Weight With Blood Pressure Levels in Saharan and European Teenager Populations. <i>American Journal of Hypertension</i> , 2010, 23, 379-386.	2.0	17
47	Arterial stiffness and renal functionâ€“a complex relationship. <i>Nature Reviews Nephrology</i> , 2015, 11, 11-13.	9.6	16
48	Role of Birth Weight and Postnatal Growth on Pulse Wave Velocity in Teenagers. <i>Journal of Adolescent Health</i> , 2012, 51, 373-379.	2.5	15
49	Increase in slow-wave vasomotion by hypoxia and ischemia in lowlanders and highlanders. <i>Journal of Applied Physiology</i> , 2018, 125, 780-789.	2.5	15
50	Does It Make Sense to Measure Only the Brachial Blood Pressure?. <i>Blood Purification</i> , 2013, 36, 21-25.	1.8	14
51	Comparison Between Invasive and Noninvasive Methods to Estimate Subendocardial Oxygen Supply and Demand Imbalance. <i>Journal of the American Heart Association</i> , 2021, 10, e021207.	3.7	13
52	Non-Invasive Assessment of Arterial Stiffness: Pulse Wave Velocity, Pulse Wave Analysis and Carotid Cross-Sectional Distensibility: Comparison between Methods. <i>Journal of Clinical Medicine</i> , 2022, 11, 2225.	2.4	13
53	Reninâ€“Angiotensinâ€“Aldosterone System Is Not Involved in the Arterial Stiffening Induced by Acute and Prolonged Exposure to High Altitude. <i>Hypertension</i> , 2017, 70, 75-84.	2.7	12
54	Heterogeneity of the arterial tree in essential hypertension: a noninvasive study of the terminal aorta and the common carotid artery. <i>Journal of Human Hypertension</i> , 1994, 8, 501-7.	2.2	12

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55	Arterial applanation tonometry. <i>Journal of Hypertension</i> , 2013, 31, 469-471.	0.5	11
56	Correlation Between Peripheral Blood Pressure and Pulse-Wave Velocity Values in the Institutionalized Elderly Persons 80 Years of Age and Older: The PARTAGE Study. <i>American Journal of Hypertension</i> , 2013, 26, 163-173.	2.0	11
57	Impaired Central Pulsatile Hemodynamics in Children and Adolescents With Marfan Syndrome. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	10
58	Radial late-SBP as a surrogate for central SBP. <i>Journal of Hypertension</i> , 2011, 29, 676-681.	0.5	9
59	Influence of carotid atherosclerotic plaques on pulse wave assessment with arterial tonometry. <i>Journal of Hypertension</i> , 2017, 35, 1609-1617.	0.5	9
60	Systolic time intervals assessed from analysis of the carotid pressure waveform. <i>Physiological Measurement</i> , 2018, 39, 084002.	2.1	9
61	Blood Pressure and Body Weight Have Different Effects on Pulse Wave Velocity and Cardiac Mass in Children. <i>Journal of Clinical Medicine</i> , 2020, 9, 2954.	2.4	9
62	Distance measurement for pulse wave velocity estimation in pediatric age: Comparison with intra-arterial path length. <i>Atherosclerosis</i> , 2020, 303, 15-20.	0.8	9
63	Methodological aspects in the measurement of pulse wave velocity by means of applanation tonometry. <i>Journal of Hypertension</i> , 2013, 31, 35-38.	0.5	8
64	Subclinical cardiac dysfunction in pediatric kidney transplant recipients identified by speckle-tracking echocardiography. <i>Pediatric Nephrology</i> , 2022, , 1.	1.7	7
65	Is validation of non-invasive hemodynamic measurement devices actually required?. <i>Hypertension Research</i> , 2014, 37, 7-9.	2.7	6
66	Central diastolic pressure exponential decay constant and subendocardial flow supply. <i>Journal of Hypertension</i> , 2017, 35, 1958-1962.	0.5	6
67	High sodium intake and arterial stiffness. <i>Journal of Hypertension</i> , 2018, 36, 754-758.	0.5	6
68	Postoperative and mid-term hemodynamic changes after replacement of the ascending aorta. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2022, 163, 1283-1292.	0.8	6
69	Augmentation index as a specific marker of large arteries distensibility. <i>Journal of Hypertension</i> , 2012, 30, 2276-2278.	0.5	5
70	Cardioankle vascular index and carotid femoral pulse wave velocity. <i>Journal of Hypertension</i> , 2018, 36, 759-764.	0.5	4
71	Arterial Stiffness and the Sympathetic Nervous System. , 2014, , 163-173.		4
72	Elderly Algerian women lose their sex-advantage in terms of arterial stiffness and cardiovascular profile. <i>Journal of Hypertension</i> , 2013, 31, 2244-2250.	0.5	3

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73	Does Brachial Blood Pressure Need to Predict Cardiovascular Outcomes in End Stage Renal Disease? An Update. <i>Current Hypertension Reviews</i> , 2013, 9, 60-65.	0.9	3
74	Arterial stiffening, pulse pressure, and left ventricular diastolic dysfunction. <i>European Journal of Heart Failure</i> , 2016, 18, 1362-1364.	7.1	3
75	Twenty-four-hour ambulatory central blood pressure. <i>Journal of Hypertension</i> , 2014, 32, 1774-1777.	0.5	2
76	Validation of noninvasive devices for central blood pressure assessment. <i>Journal of Hypertension</i> , 2016, 34, 1249-1251.	0.5	2
77	Pulse Wave Velocity and Arterial Stiffness Assessment. , 2017, , 19-68.		2
78	Carotid Reservoir Pressure Decrease After Prolonged Head Down Tilt Bed Rest in Young Healthy Subjects Is Associated With Reduction in Left Ventricular Ejection Time and Diastolic Length. <i>Frontiers in Physiology</i> , 2022, 13, 866045.	2.8	2
79	Interactions Between Brain 18F-FDG PET Metabolism and Hemodynamic Parameters at Different Ages of Life: Results From a Prospective Cross-Sectional Study. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	2
80	Red Blood Cell Deformability and Secondary Hyperparathyroidism in Uremic Patients on Maintenance Hemodialysis. <i>Artificial Organs</i> , 1984, 8, 141-144.	1.9	1
81	Assessment of systolic and diastolic arterial stiffness. <i>Journal of Hypertension</i> , 2012, 30, 1491-1492.	0.5	1
82	Systolic and diastolic pulse wave velocity. <i>Journal of Hypertension</i> , 2012, 30, 273-274.	0.5	1
83	Paricalcitol and Cardiorenal Outcome: From the IMPACT Study to Clinical Practice. <i>Blood Purification</i> , 2013, 36, 12-16.	1.8	1
84	Arterial Stiffness and Blood Pressure Variability. , 2015, , 117-128.		1
85	Hemodynamic determinants of myocardial oxygen demand and supply. , 2022, , 281-295.		1
86	Arterial Stiffness in Thyroid and Parathyroid Disease: A Review of Clinical Studies. <i>Journal of Clinical Medicine</i> , 2022, 11, 3146.	2.4	1
87	Haemodynamic Adaptive Mechanisms at High Altitude: Comparison between European Lowlanders and Nepalese Highlanders. <i>Journal of Clinical Medicine</i> , 2022, 11, 3843.	2.4	1
88	Arterial Stiffness, Pulse Wave Analyses: What Can't Blood Pressure Tell you in Chronic Kidney Disease. <i>Current Hypertension Reviews</i> , 2012, 8, 244-249.	0.9	0
89	Arterial Stiffness and Blood Pressure Variability. , 2017, , 69-78.		0
90	Central Blood Pressure: Part 2, Pulse Wave Analysis. , 2017, , 109-173.		0

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91	Aortic Stiffness and Myocardial Ischemia. , 2017, , 175-198.		0
92	Arterial Stiffness in Chronic Kidney Disease. , 2017, , 199-206.		0
93	Interest of Combined Blood Pressure Measurements in Very Old Frail Subjects: The PARTAGE Study. American Journal of Hypertension, 2018, 31, 950-956.	2.0	0
94	Twenty-four hour ambulatory central blood pressure in adolescents and young adults: methodological issues. Journal of Hypertension, 2020, 38, 1940-1942.	0.5	0