Paolo Salvi

List of Publications by Year
in descending order

94 papers	3,887 citations	156536 32 h-index	145109 60 g-index
97 all docs	97 docs citations	97 times ranked	5526 citing authors

#	Article	IF	Citations
1	Postoperative and mid-term hemodynamic changes after replacement of the ascending aorta. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1283-1292.	0.4	6
2	Subclinical cardiac dysfunction in pediatric kidney transplant recipients identified by speckle-tracking echocardiography. Pediatric Nephrology, 2022, , 1.	0.9	7
3	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. Frontiers in Physiology, 2022, 13, 866045.	1.3	2
4	Hemodynamic determinants of myocardial oxygen demand and supply. , 2022, , 281-295.		1
5	Non-Invasive Assessment of Arterial Stiffness: Pulse Wave Velocity, Pulse Wave Analysis and Carotid Cross-Sectional Distensibility: Comparison between Methods. Journal of Clinical Medicine, 2022, 11, 2225.	1.0	13
6	Arterial Stiffness in Thyroid and Parathyroid Disease: A Review of Clinical Studies. Journal of Clinical Medicine, 2022, 11, 3146.	1.0	1
7	Haemodynamic Adaptive Mechanisms at High Altitude: Comparison between European Lowlanders and Nepalese Highlanders. Journal of Clinical Medicine, 2022, 11, 3843.	1.0	1
8	Comparison Between Invasive and Noninvasive Methods to Estimate Subendocardial Oxygen Supply and Demand Imbalance. Journal of the American Heart Association, 2021, 10, e021207.	1.6	13
9	Twenty-four hour ambulatory central blood pressure in adolescents and young adults: methodological issues. Journal of Hypertension, 2020, 38, 1940-1942.	0.3	0
10	Mean arterial pressure estimated by brachial pulse wave analysis and comparison with currently used algorithms. Journal of Hypertension, 2020, 38, 2161-2168.	0.3	26
11	Blood Pressure and Body Weight Have Different Effects on Pulse Wave Velocity and Cardiac Mass in Children. Journal of Clinical Medicine, 2020, 9, 2954.	1.0	9
12	Distance measurement for pulse wave velocity estimation in pediatric age: Comparison with intra-arterial path length. Atherosclerosis, 2020, 303, 15-20.	0.4	9
13	Sodium Intake and Hypertension. Nutrients, 2019, 11, 1970.	1.7	335
14	Noninvasive Estimation of Aortic Stiffness Through Different Approaches. Hypertension, 2019, 74, 117-129.	1.3	89
15	Unreliable Estimation of Aortic Pulse Wave Velocity Provided by the Mobilâ€Oâ€Graph Algorithmâ€Based System in Marfan Syndrome. Journal of the American Heart Association, 2019, 8, e04028.	1.6	23
16	High sodium intake and arterial stiffness. Journal of Hypertension, 2018, 36, 754-758.	0.3	6
17	Cardioâ€“ankle vascular index and carotidâ€“femoral pulse wave velocity. Journal of Hypertension, 2018, 36, 759-764.	0.3	4
18	Short-Term Repeatability of Noninvasive Aortic Pulse Wave Velocity Assessment: Comparison Between Methods and Devices. American Journal of Hypertension, 2018, 31, 80-88.	1.0	50

#	Article	IF	Citations
19	Aortic dilatation in Marfan syndrome. Journal of Hypertension, 2018, 36, 77-84.	0.3	23
20	Increase in slow-wave vasomotion by hypoxia and ischemia in lowlanders and highlanders. Journal of Applied Physiology, 2018, 125, 780-789.	1.2	15
21	Systolic time intervals assessed from analysis of the carotid pressure waveform. Physiological Measurement, 2018, 39, 084002.	1.2	9
22	Interest of Combined Blood Pressure Measurements in Very Old Frail Subjects: The PARTAGE Study. American Journal of Hypertension, 2018, 31, 950-956.	1.0	0
23	Reninâ€“Angiotensinâ€“Aldosterone System Is Not Involved in the Arterial Stiffening Induced by Acute and Prolonged Exposure to High Altitude. Hypertension, 2017, 70, 75-84.	1.3	12
24	Influence of carotid atherosclerotic plaques on pulse wave assessment with arterial tonometry. Journal of Hypertension, 2017, 35, 1609-1617.	0.3	9
25	Central diastolic pressure exponential decay constant and subendocardial flow supply. Journal of Hypertension, 2017, 35, 1958-1962.	0.3	6
26	Impaired Central Pulsatile Hemodynamics in Children and Adolescents With Marfan Syndrome. Journal of the American Heart Association, 2017, 6, .	1.6	10
27	Pulse Waves. , 2017, , .		28
28	Pulse Wave Velocity and Arterial Stiffness Assessment. , 2017, , 19-68.		2
29	Arterial Stiffness and Blood Pressure Variability. , 2017, , 69-78.		0
30	Central Blood Pressure: Part 2, Pulse Wave Analysis. , 2017, , 109-173.		0
31	Aortic Stiffness and Myocardial Ischemia. , 2017, , 175-198.		0
32	Arterial Stiffness in Chronic Kidney Disease. , 2017, , 199-206.		0
33	Arterial stiffening, pulse pressure, and left ventricular diastolic dysfunction. European Journal of Heart Failure, 2016, 18, 1362-1364.	2.9	3
34	Validation of noninvasive devices for central blood pressure assessment. Journal of Hypertension, 2016, 34, 1249-1251.	0.3	2
35	Aortic stiffness and myocardial ischemia. Journal of Hypertension, 2015, 33, 1767-1771.	0.3	20
36	Do Arterial Hemodynamic Parameters Predict Cognitive Decline Over a Period of 2ÂYears in Individuals Older Than 80ÂYears Living in Nursing Homes? The PARTAGE Study. Journal of the American Medical Directors Association, 2015, 16, 598-602.	1.2	23

#	Article	IF	Citations
37	Arterial Stiffness and Blood Pressure Variability. , 2015, , 117-128.		1
38	Treatment With Multiple Blood Pressure Medications, Achieved Blood Pressure, and Mortality in Older Nursing Home Residents. JAMA Internal Medicine, 2015, 175, 989.	2.6	225
39	Aging, High Altitude, and Blood Pressure: A Complex Relationship. High Altitude Medicine and Biology, 2015, 16, 97-109.	0.5	39
40	Noninvasive estimation of central blood pressure and analysis of pulse waves by applanation tonometry. Hypertension Research, 2015, 38, 646-648.	1.5	26
41	Arterial stiffness and renal functionâ€"a complex relationship. Nature Reviews Nephrology, 2015, 11, 11-13.	4.1	16
42	Is validation of non-invasive hemodynamic measurement devices actually required?. Hypertension Research, 2014, 37, 7-9.	1.5	6
43	Twenty-four-hour ambulatory central blood pressure. Journal of Hypertension, 2014, 32, 1774-1777.	0.3	2
44	Association between serum uric acid, hypertension, vascular stiffness and subclinical atherosclerosis. Journal of Hypertension, 2014, 32, 57-64.	0.3	141
45	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. International Journal of Cardiology, 2014, 171, e100-e102.	0.8	25
46	Obstructive sleep apnea syndrome as a cause of resistant hypertension. Hypertension Research, 2014, 37, 601-613.	1.5	71
47	Arterial Stiffness and the Sympathetic Nervous System. , 2014, , 163-173.		4
48	ABCA1-dependent serum cholesterol efflux capacity inversely correlates with pulse wave velocity in healthy subjects. Journal of Lipid Research, 2013, 54, 238-243.	2.0	33
49	Assessment and interpretation of blood pressure variability in a clinical setting. Blood Pressure, 2013, 22, 345-354.	0.7	25
50	Left ventricular ejection time, not heart rate, is an independent correlate of aortic pulse wave velocity. Journal of Applied Physiology, 2013, 115, 1610-1617.	1.2	51
51	Arterial applanation tonometry. Journal of Hypertension, 2013, 31, 469-471.	0.3	11
52	Effects of acetazolamide on central blood pressure, peripheral blood pressure, and arterial distensibility at acute high altitude exposure. European Heart Journal, 2013, 34, 759-766.	1.0	74
53	Changes in Subendocardial Viability Ratio With Acute High-Altitude Exposure and Protective Role of Acetazolamide. Hypertension, 2013, 61, 793-799.	1.3	38
54	Prognostic Value of Blood Pressure Variability and Average Blood Pressure Levels in Patients With Hypertension and Diabetes. Diabetes Care, 2013, 36, S312-S324.	4.3	130

#	Article	IF	Citations
55	Correlation Between Peripheral Blood Pressure and Pulse-Wave Velocity Values in the Institutionalized Elderly Persons 80 Years of Age and Older: The PARTAGE Study. American Journal of Hypertension, 2013, 26, 163-173.	1.0	11
56	Does It Make Sense to Measure Only the Brachial Blood Pressure?. Blood Purification, 2013, 36, 21-25.	0.9	14
57	Subendocardial Viability Ratio Predicts Cardiovascular Mortality in Chronic Kidney Disease Patients. Blood Purification, 2013, 36, 26-28.	0.9	36
58	Paricalcitol and Cardiorenal Outcome: From the IMPACT Study to Clinical Practice. Blood Purification, 2013, 36, 12-16.	0.9	1
59	The Effect of Lowâ€Dose Carvedilol, Nebivolol, and Metoprolol on Central Arterial Pressure and Its Determinants: A Randomized Clinical Trial. Journal of Clinical Hypertension, 2013, 15, 910-917.	1.0	22
60	Elderly Algerian women lose their sex-advantage in terms of arterial stiffness and cardiovascular profile. Journal of Hypertension, 2013, 31, 2244-2250.	0.3	3
61	Methodological aspects in the measurement of pulse wave velocity by means of applanation tonometry. Journal of Hypertension, 2013, 31, 35-38.	0.3	8
62	Does Brachial Blood Pressure Need to Predict Cardiovascular Outcomes in End Stage Renal Disease? An Update. Current Hypertension Reviews, 2013, 9, 60-65.	0.5	3
63	Relationship Between Short-Term Blood Pressure Variability and Large-Artery Stiffness in Human Hypertension. Hypertension, 2012, 60, 369-377.	1.3	236
64	Augmentation index as a specific marker of large arteries distensibility. Journal of Hypertension, 2012, 30, 2276-2278.	0.3	5
65	Arterial Stiffness, Pulse Wave Analyses: What Can't Blood Pressure Tell you in Chronic Kidney Disease. Current Hypertension Reviews, 2012, 8, 244-249.	0.5	0
66	Assessment of systolic and diastolic arterial stiffness. Journal of Hypertension, 2012, 30, 1491-1492.	0.3	1
67	Systolic and diastolic pulse wave velocity. Journal of Hypertension, 2012, 30, 273-274.	0.3	1
68	Orthostatic hypotension in very old individuals living in nursing homes. Journal of Hypertension, 2012, 30, 53-60.	0.3	78
69	Pulse pressure amplification, pressure waveform calibration and clinical applications. Atherosclerosis, 2012, 224, 108-112.	0.4	47
70	Role of Birth Weight and Postnatal Growth on Pulse Wave Velocity in Teenagers. Journal of Adolescent Health, 2012, 51, 373-379.	1.2	15
71	Pulse Wave Velocity is Associated With 1-Year Cognitive Decline in the Elderly Older than 80 Years: The PARTAGE Study. Journal of the American Medical Directors Association, 2012, 13, 239-243.	1.2	61
72	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. Journal of the American College of Cardiology, 2012, 60, 1503-1511.	1.2	156

#	Article	IF	Citations
73	Relationship between tissue glycation measured by autofluorescence and pulse wave velocity in young and elderly non-diabetic populations. Diabetes and Metabolism, 2012, 38, 413-419.	1.4	18
74	Pulse Waves. , 2012, , .		34
75	Blood pressure regulation during the aging process: the end of the â€˜hypertension eraâ€™?. Journal of Hypertension, 2011, 29, 646-652.	0.3	36
76	Radial late-SBP as a surrogate for central SBP. Journal of Hypertension, 2011, 29, 676-681.	0.3	9
77	Circulating endothelial progenitor cells and large artery structure and function in young subjects with uncomplicated Type 1 Diabetes. Cardiovascular Diabetology, 2011, 10, 88.	2.7	71
78	Measurement of pulse wave velocity in children and young adults: a comparative study using three different devices. Hypertension Research, 2011, 34, 1197-1202.	1.5	45
79	Heart disease and changes in pulse wave velocity and pulse pressure amplification in the elderly over 80 years: the PARTAGE Study. Journal of Hypertension, 2010, 28, 2127-2133.	0.3	34
80	Blood pressure and pulse wave velocity values in the institutionalized elderly aged 80 and over: baseline of the PARTAGE study. Journal of Hypertension, 2010, 28, 41-50.	0.3	46
81	Increased arterial stiffness in nonalcoholic fatty liver disease: the Cardio-GOOSE study. Journal of Hypertension, 2010, 28, 1699-1707.	0.3	103
82	Reference Values of Pulse Wave Velocity in Healthy Children and Teenagers. Hypertension, 2010, 56, 217-224.	1.3	245
83	Pre-existing arterial stiffness can predict hypotension during induction of anaesthesia in the elderly. British Journal of Anaesthesia, 2010, 105, 583-588.	1.5	32
84	Association of Current Weight and Birth Weight With Blood Pressure Levels in Saharan and European Teenager Populations. American Journal of Hypertension, 2010, 23, 379-386.	1.0	17
85	Pulse Pressure Amplification. Journal of the American College of Cardiology, 2010, 55, 1032-1037.	1.2	198
86	Pulse Wave Velocity Assessment by External Noninvasive Devices and Phase-Contrast Magnetic Resonance Imaging in the Obese. Hypertension, 2009, 54, 421-426.	1.3	97
87	Simultaneous Measurement of Beat-to-Beat Carotid Diameter and Pressure Changes to Assess Arterial Mechanical Properties. Hypertension, 2008, 52, 896-902.	1.3	54
88	Comparative study of methodologies for pulse wave velocity estimation. Journal of Human Hypertension, 2008, 22, 669-677.	1.0	108
89	Reference values of aortic pulse wave velocity in the elderly. Journal of Hypertension, 2008, 26, 2207-2212.	0.3	49
90	Determinants of arterial stiffness in an apparently healthy population over 60 years. Journal of Human Hypertension, 2006, 20, 749-756.	1.0	54

#	Article	IF	Citations
91	Validation of a new non-invasive portable tonometer for determining arterial pressure wave and pulse wave velocity. Journal of Hypertension, 2004, 22, 2285-2293.	0.3	245
92	Heterogeneity of the arterial tree in essential hypertension: a noninvasive study of the terminal aorta and the common carotid artery. Journal of Human Hypertension, 1994, 8, 501-7.	1.0	12
93	Red Blood Cell Deformability and Secondary Hyperparathyroidism in Uremic Patients on Maintenance Hemodialysis. Artificial Organs, 1984, 8, 141-144.	1.0	1
94	Interactions Between Brain 18F-FDG PET Metabolism and Hemodynamic Parameters at Different Ages of Life: Results From a Prospective Cross-Sectional Study. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2