Stephane Laurent

List of Publications by Year
in descending order

98 papers	45,033 citations	30070 54 h-index	38395 95 g-index
99 all docs	99 docs citations	99 times ranked	36576 citing authors

#	Article	IF	Citations
1	Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. Hypertension, 2022, 79, 479-490.	2.7	41
2	Arterial stiffness and pulsatile hemodynamics in systemic hypertension. , 2022, , 445-455.		0
3	Early vascular aging and supernormal vascular aging: genetics, epigenetics, and the environment. , 2022, , 421-428.		0
4	Predictive Importance of Blood Pressure Characteristics With Increasing Age in Healthy Men and Women. Hypertension, 2021, 77, 1076-1085.	2.7	8
5	Longitudinal Versus Cross-Sectional Changes in Aortic Stiffness With Aging. Hypertension, 2021, 77, 1166-1168.	2.7	1
6	Sleep Apnea is Associated With Accelerated Vascular Aging: Results From 2 European Communityâ€Based Cohort Studies. Journal of the American Heart Association, 2021, 10, e021318.	3.7	9
7	SPARTE Study: Normalization of Arterial Stiffness and Cardiovascular Events in Patients With Hypertension at Medium to Very High Risk. Hypertension, 2021, 78, 983-995.	2.7	65
8	Vascular Ageing â€“ State of Play, Gaps and Key Issues. Heart Lung and Circulation, 2021, 30, 1591-1594.	0.4	10
9	Early and Supernormal Vascular Aging. Hypertension, 2020, 76, 1616-1624.	2.7	103
10	Arterial Stiffness and Hypertension in the Elderly. Frontiers in Cardiovascular Medicine, 2020, 7, 544302.	2.4	91
11	Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1420-1428.	2.4	18
12	Aortic stiffness is not only associated with structural but also functional parameters of retinal microcirculation. Microvascular Research, 2020, 129, 103974.	2.5	8
13	Mechanisms of Arterial Stiffening. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1055-1062.	2.4	88
14	Protocol of the SPARTE Study: A Strategy for Preventing Cardiovascular and Renal Events based on ARTErial Stiffness. Artery Research, 2020, 26, 250-260.	0.6	10
15	Association of Estimated Pulse Wave Velocity With Survival. JAMA Network Open, 2019, 2, e1912831.	5.9	113
16	Concept of Extremes in Vascular Aging. Hypertension, 2019, 74, 218-228.	2.7	138
17	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. Hypertension, 2019, 73, 1138-1149.	2.7	111
18	Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity. Hypertension, 2019, 74, 1476-1483.	2.7	9

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19	Increased carotid stiffness and remodelling at early stages of chronic kidney disease. Journal of Hypertension, 2019, 37, 1176-1182.	0.5	29
20	Impact of simultaneous measurement of central blood pressure with the SphygmoCor Xcel during MRI acquisition to better estimate aortic distensibility. Journal of Hypertension, 2019, 37, 1448-1454.	0.5	9
21	Arterial Stiffness Assessment by Shear Wave Elastography and Ultrafast Pulse Wave Imaging: Comparison with Reference Techniques in Normotensives and Hypertensives. Ultrasound in Medicine and Biology, 2019, 45, 758-772.	1.5	59
22	Carotid Artery Stiffness and Incident Depressive Symptoms: The Paris Prospective Study III. Biological Psychiatry, 2019, 85, 498-505.	1.3	20
23	Visit-to-visit blood pressure variability: added â€˜VALUEâ€™ as a risk marker in low- and high-risk patients. European Heart Journal, 2018, 39, 2252-2254.	2.2	8
24	Pulse wave velocity differs between ulcerative colitis and chronic kidney disease. European Journal of Internal Medicine, 2018, 47, 36-42.	2.2	27
25	Radiofrequency-based wall tracking for noninvasive assessment of local carotid pulse pressure. Journal of Hypertension, 2018, 36, 2362-2368.	0.5	10
26	Characteristics of healthy vascular ageing in pooled population-based cohort studies. Journal of Hypertension, 2018, 36, 2340-2349.	0.5	97
27	MASked-unconTrolled hypERtension management based on office BP or on ambulatory blood pressure measurement (MASTER) Study: a randomised controlled trial protocol. BMJ Open, 2018, 8, e021038.	1.9	33
28	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. Journal of Hypertension, 2018, 36, 2284-2309.	0.5	689
29	Interaction Between Hypertension and Arterial Stiffness. Hypertension, 2018, 72, 796-805.	2.7	189
30	2018 ESC/ESH Guidelines for the management of arterial hypertension. Journal of Hypertension, 2018, 36, 1953-2041.	0.5	2,129
31	Clinical evaluation of an optical fiber-based probe for the assessment of central arterial pulse waves. Hypertension Research, 2018, 41, 904-912.	2.7	11
32	Gut microbiome composition, a third player in the inflammationâ€“arterial stiffness relationship. European Heart Journal, 2018, 39, 2398-2400.	2.2	8
33	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	2.2	6,826
34	Arterial (Aortic) Stiffness in Patients with Resistant Hypertension: from Assessment to Treatment. Current Hypertension Reports, 2017, 19, 2.	3.5	24
35	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. European Heart Journal, 2017, 38, 2805-2812.	2.2	175
36	Case of Asymptomatic Carotid Artery Stenosis in a Hypertensive Patient. Hypertension, 2017, 69, 985-991.	2.7	3

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37	Vascular Smooth Muscle Cells and Arterial Stiffening: Relevance in Development, Aging, and Disease. Physiological Reviews, 2017, 97, 1555-1617.	28.8	466
38	Inflammation and Aortic Stiffness: An Individual Participant Data Metaâ€Analysis in Patients With Inflammatory Bowel Disease. Journal of the American Heart Association, 2017, 6, .	3.7	58
39	Antihypertensive drugs. Pharmacological Research, 2017, 124, 116-125.	7.1	178
40	Personalised Single-Pill Combination Therapy in Hypertensive Patients: An Update of a Practical Treatment Platform. High Blood Pressure and Cardiovascular Prevention, 2017, 24, 463-472.	2.2	14
41	Detecting Nonadherence to Antihypertensive Treatment. Hypertension, 2017, 70, 257-258.	2.7	3
42	Sharpening the Focus on Causes of Ethnic Differences in Aortic Stiffness. JACC: Cardiovascular Imaging, 2017, 10, 62-64.	5.3	1
43	Estimated carotidâ€“femoral pulse wave velocity has similar predictive value as measured carotidâ€“femoral pulse wave velocity. Journal of Hypertension, 2016, 34, 1279-1289.	0.5	106
44	Central versus peripheral blood pressure. Journal of Hypertension, 2016, 34, 1497-1499.	0.5	18
45	Elevated estimated arterial age is associated with metabolic syndrome and low-grade inflammation. Journal of Hypertension, 2016, 34, 2410-2417.	0.5	14
46	Acute hypertensive response in ischemic stroke is associated with increased aortic stiffness. Atherosclerosis, 2016, 251, 1-5.	0.8	24
47	Selective Heart Rate Reduction With Ivabradine Increases Central Blood Pressure in Stable Coronary Artery Disease. Hypertension, 2016, 67, 1205-1210.	2.7	32
48	Ideal Cardiovascular Health and Subclinical Markers of Carotid Structure and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2115-2124.	2.4	22
49	Serotonin and norepinephrine reuptake inhibitors antidepressant use is related to lower baroreflex sensitivity independently of the severity of depressive symptoms. A community-study of 9213 participants from the Paris Prospective Study III. Atherosclerosis, 2016, 251, 55-62.	0.8	3
50	When an Increase in Central Systolic Pressure Overrides theÂBenefits ofÂHeartÂRate Lowering. Journal of the American College of Cardiology, 2016, 68, 754-762.	2.8	52
51	Perceived stress, common carotid intima media thickness and occupational status: The Paris Prospective Study III. International Journal of Cardiology, 2016, 221, 1025-1030.	1.7	12
52	Blood pressure lowering trials: wrapping up the topic?. Lancet, The, 2016, 387, 923-924.	13.7	6
53	Randomized evaluation of a novel, fixed-dose combination of perindopril 3.5â€Šmg/amlodipine 2.5â€Šmg as a first-step treatment in hypertension. Journal of Hypertension, 2015, 33, 653-662.	0.5	16
54	Foot detection and distances by different methods. Journal of Hypertension, 2015, 33, 2550-2551.	0.5	1

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55	Contribution of Rare and Common Genetic Variants to Plasma Lipid Levels and Carotid Stiffness and Geometry. Circulation: Cardiovascular Genetics, 2015, 8, 628-636.	5.1	21
56	The Cross-Talk Between the Macro- and the Microcirculation. , 2015, , 105-116.		12
57	The Structural Factor of Hypertension. Circulation Research, 2015, 116, 1007-1021.	4.5	383
58	Aortic Stiffening, Aortic Blood Flow Reversal, and Renal Blood Flow. Hypertension, 2015, 66, 10-12.	2.7	2
59	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation. Atherosclerosis, 2015, 241, 507-532.	0.8	587
60	Carotid Stiffness Is Associated With Incident Stroke. Journal of the American College of Cardiology, 2015, 66, 2116-2125.	2.8	172
61	Is Hypertension Associated With an Accelerated Aging of the Brain?. Hypertension, 2014, 63, 894-903.	2.7	105
62	Dose-Dependent Arterial Destiffening and Inward Remodeling After Olmesartan in Hypertensives With Metabolic Syndrome. Hypertension, 2014, 64, 709-716.	2.7	88
63	Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors. European Heart Journal, 2014, 35, 3122-3133.	2.2	249
64	Aortic Pulse Wave Velocity Improves Cardiovascular Event Prediction. Journal of the American College of Cardiology, 2014, 63, 636-646.	2.8	1,446
65	Increased arterial stiffness in inflammatory bowel diseases is dependent upon inflammation and reduced by immunomodulatory drugs. Atherosclerosis, 2014, 234, 346-351.	0.8	62
66	Daglutril for treatment of renal damage in hypertensive patients with type 2 diabetes: disappointment or hope?. Lancet Diabetes and Endocrinology,the, 2013, 1, 2-3.	11.4	2
67	2013 ESH/ESC Guidelines for the management of arterial hypertension. European Heart Journal, 2013, 34, 2159-2219.	2.2	5,681
68	Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors. European Heart Journal, 2013, 34, 2368-2380.	2.2	228
69	Large-vessel correlates of cerebral small-vessel disease. Neurology, 2013, 80, 662-669.	1.1	122
70	Early vascular ageing in translation. Journal of Hypertension, 2013, 31, 1517-1526.	0.5	184
71	2013 ESH/ESC Guidelines for the management of arterial hypertension. Journal of Hypertension, 2013, 31, 1281-1357.	0.5	4,251
72	Arterial stiffness to predict hypertensive response to antiangiogenic drugs.. Journal of Clinical Oncology, 2013, 31, e13589-e13589.	1.6	0

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73	Arterial Stiffness as Surrogate End Point. Hypertension, 2012, 60, 518-522.	2.7	100
74	Defining vascular aging and cardiovascular risk. Journal of Hypertension, 2012, 30, S3-S8.	0.5	112
75	Arterial stiffness is increased in patients with inflammatory bowel disease. Journal of Hypertension, 2012, 30, 1775-1781.	0.5	86
76	Expert consensus document on the measurement of aortic stiffness in daily practice using carotid-femoral pulse wave velocity. Journal of Hypertension, 2012, 30, 445-448.	0.5	1,440
77	New drugs, procedures, and devices for hypertension. Lancet, The, 2012, 380, 591-600.	13.7	139
78	Aortic Stiffness Predicts Functional Outcome in Patients After Ischemic Stroke. Stroke, 2012, 43, 543-544.	2.0	68
79	Pulse wave velocity is associated with early clinical outcome after ischemic stroke. Atherosclerosis, 2012, 225, 348-352.	0.8	49
80	Aortic stiffness as a tissue biomarker for predicting future cardiovascular events in asymptomatic hypertensive subjects. Annals of Medicine, 2012, 44, S93-S97.	3.8	87
81	Large Artery Stiffening and Remodeling Are Independently Associated With All-Cause Mortality and Cardiovascular Events in Chronic Kidney Disease. Hypertension, 2012, 60, 1451-1457.	2.7	161
82	Pharmacological Modulation of Arterial Stiffness. Drugs, 2011, 71, 1689-1701.	10.9	122
83	Vascular Contributions to Cognitive Impairment and Dementia. Stroke, 2011, 42, 2672-2713.	2.0	2,989
84	Aortic stiffness is reduced beyond blood pressure lowering by short-term and long-term antihypertensive treatment: a meta-analysis of individual data in 294 patients. Journal of Hypertension, 2011, 29, 1034-1042.	0.5	209
85	Arterial Remodeling Associates with CKD Progression. Journal of the American Society of Nephrology: JASN, 2011, 22, 967-974.	6.1	135
86	Long-term reduction in aortic stiffness: a 5.3-year follow-up in routine clinical practice. Journal of Hypertension, 2010, 28, 2336-2341.	0.5	84
87	Assessment of Carotid Stiffness and Intima-Media Thickness From Ultrasound Data. Journal of Ultrasound in Medicine, 2010, 29, 1169-1175.	1.7	75
88	Amlodipine-Valsartan Combination Decreases Central Systolic Blood Pressure More Effectively Than the Amlodipine-Atenolol Combination. Hypertension, 2010, 55, 1314-1322.	2.7	200
89	Vascular Aging. Hypertension, 2009, 54, 3-10.	2.7	318
90	Large and Small Artery Cross-Talk and Recent Morbidity-Mortality Trials in Hypertension. Hypertension, 2009, 54, 388-392.	2.7	190

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91	Distance measurements for the assessment of carotid to femoral pulse wave velocity. Journal of Hypertension, 2009, 27, 2377-2385.	0.5	60
92	2007 Guidelines for the Management of Arterial Hypertension. Journal of Hypertension, 2007, 25, 1105-1187.	0.5	4,778
93	Endothelial Function and Chronic Exposure to Air Pollution in Normal Male Subjects. Hypertension, 2007, 50, 970-976.	2.7	79
94	Arterial stiffness: a new surrogate end point for cardiovascular disease?. Journal of Nephrology, 2007, 20 Suppl 12, S45-50.	2.0	65
95	Expert consensus document on arterial stiffness: methodological issues and clinical applications. European Heart Journal, 2006, 27, 2588-2605.	2.2	5,012
96	Brachial Pressureâ€“Independent Reduction in Carotid Stiffness After Long-Term Angiotensin-Converting Enzyme Inhibition in Diabetic Hypertensives. Hypertension, 2006, 48, 80-86.	2.7	160
97	Aortic Stiffness Is an Independent Predictor of Fatal Stroke in Essential Hypertension. Stroke, 2003, 34, 1203-1206.	2.0	920
98	Aortic Stiffness Is an Independent Predictor of Primary Coronary Events in Hypertensive Patients. Hypertension, 2002, 39, 10-15.	2.7	1,604