

Stephane Laurent

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92
papers

31,835
citations

48
h-index

99
g-index

99
ext. papers

37,960
ext. citations

6.6
avg, IF

6.51
L-index

#	Paper	IF	Citations
92	Expert consensus document on arterial stiffness: methodological issues and clinical applications. <i>European Heart Journal</i> , 2006 , 27, 2588-605	9.5	4225
91	2007 Guidelines for the Management of Arterial Hypertension: The Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>Journal of Hypertension</i> , 2007 , 25, 1105-87	1.9	3825
90	2018 ESC/ESH Guidelines for the management of arterial hypertension. <i>European Heart Journal</i> , 2018 , 39, 3021-3104	9.5	3698
89	2013 ESH/ESC guidelines for the management of arterial hypertension: the Task Force for the Management of Arterial Hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>European Heart Journal</i> , 2013 , 34, 2159-219	9.5	3400
88	2013 ESH/ESC Guidelines for the management of arterial hypertension: the Task Force for the management of arterial hypertension of the European Society of Hypertension (ESH) and of the European Society of Cardiology (ESC). <i>Journal of Hypertension</i> , 2013 , 31, 1281-357	1.9	3363
87	Vascular contributions to cognitive impairment and dementia: a statement for healthcare professionals from the american heart association/american stroke association. <i>Stroke</i> , 2011 , 42, 2672-713	6.7	2301
86	Aortic stiffness is an independent predictor of primary coronary events in hypertensive patients: a longitudinal study. <i>Hypertension</i> , 2002 , 39, 10-5	8.5	1410
85	2018 ESC/ESH Guidelines for the management of arterial hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension: The Task Force for the management of arterial hypertension of the European Society of Cardiology and the European Society of Hypertension. <i>Journal of Hypertension</i> , 2018 , 36, 2284-2309	1.9	1262
84	Expert consensus document on the measurement of aortic stiffness in daily practice using carotid-femoral pulse wave velocity. <i>Journal of Hypertension</i> , 2012 , 30, 445-8	1.9	1089
83	Aortic pulse wave velocity improves cardiovascular event prediction: an individual participant meta-analysis of prospective observational data from 17,635 subjects. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 636-646	15.1	1076
82	Aortic stiffness is an independent predictor of fatal stroke in essential hypertension. <i>Stroke</i> , 2003 , 34, 1203-6	6.7	815
81	The role of vascular biomarkers for primary and secondary prevention. A position paper from the European Society of Cardiology Working Group on peripheral circulation: Endorsed by the Association for Research into Arterial Structure and Physiology (ARTERY) Society. <i>Atherosclerosis</i> , 2015 , 241, 507-32	3.1	420
80	2018 Practice Guidelines for the management of arterial hypertension of the European Society of Hypertension and the European Society of Cardiology: ESH/ESC Task Force for the Management of Arterial Hypertension. <i>Journal of Hypertension</i> , 2018 , 36, 2284-2309	1.9	372
79	Vascular Smooth Muscle Cells and Arterial Stiffening: Relevance in Development, Aging, and Disease. <i>Physiological Reviews</i> , 2017 , 97, 1555-1617	47.9	272
78	The structural factor of hypertension: large and small artery alterations. <i>Circulation Research</i> , 2015 , 116, 1007-21	15.7	262
77	Vascular aging: A tale of EVA and ADAM in cardiovascular risk assessment and prevention. <i>Hypertension</i> , 2009 , 54, 3-10	8.5	231
76	Establishing reference values for central blood pressure and its amplification in a general healthy population and according to cardiovascular risk factors. <i>European Heart Journal</i> , 2014 , 35, 3122-33	9.5	188

75	Reference intervals for common carotid intima-media thickness measured with echotracking: relation with risk factors. <i>European Heart Journal</i> , 2013 , 34, 2368-80	9.5	178
74	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. <i>Journal of Hypertension</i> , 2011 , 29, 1034-42	1.9	174
73	Amlodipine-valsartan combination decreases central systolic blood pressure more effectively than the amlodipine-atenolol combination: the EXPLOR study. <i>Hypertension</i> , 2010 , 55, 1314-22	8.5	168
72	Large and small artery cross-talk and recent morbidity-mortality trials in hypertension. <i>Hypertension</i> , 2009 , 54, 388-92	8.5	149
71	Early vascular ageing in translation: from laboratory investigations to clinical applications in cardiovascular prevention. <i>Journal of Hypertension</i> , 2013 , 31, 1517-26	1.9	140
70	Large artery stiffening and remodeling are independently associated with all-cause mortality and cardiovascular events in chronic kidney disease. <i>Hypertension</i> , 2012 , 60, 1451-7	8.5	139
69	Brachial pressure-independent reduction in carotid stiffness after long-term angiotensin-converting enzyme inhibition in diabetic hypertensives. <i>Hypertension</i> , 2006 , 48, 80-6	8.5	138
68	Validation of non-invasive central blood pressure devices: ARTERY Society task force consensus statement on protocol standardization. <i>European Heart Journal</i> , 2017 , 38, 2805-2812	9.5	126
67	Carotid stiffness is associated with incident stroke: a systematic review and individual participant data meta-analysis. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2116-2125	15.1	124
66	New drugs, procedures, and devices for hypertension. <i>Lancet, The</i> , 2012 , 380, 591-600	40	115
65	Arterial remodeling associates with CKD progression. <i>Journal of the American Society of Nephrology: JASN</i> , 2011 , 22, 967-74	12.7	115
64	Antihypertensive drugs. <i>Pharmacological Research</i> , 2017 , 124, 116-125	10.2	104
63	Pharmacological modulation of arterial stiffness. <i>Drugs</i> , 2011 , 71, 1689-701	12.1	99
62	Large-vessel correlates of cerebral small-vessel disease. <i>Neurology</i> , 2013 , 80, 662-9	6.5	93
61	Interaction Between Hypertension and Arterial Stiffness. <i>Hypertension</i> , 2018 , 72, 796-805	8.5	93
60	Is hypertension associated with an accelerated aging of the brain?. <i>Hypertension</i> , 2014 , 63, 894-903	8.5	86
59	Arterial stiffness as surrogate end point: needed clinical trials. <i>Hypertension</i> , 2012 , 60, 518-22	8.5	77
58	Defining vascular aging and cardiovascular risk. <i>Journal of Hypertension</i> , 2012 , 30 Suppl, S3-8	1.9	73

57	Dose-dependent arterial destiffening and inward remodeling after olmesartan in hypertensives with metabolic syndrome. <i>Hypertension</i> , 2014 , 64, 709-16	8.5	72
56	Long-term reduction in aortic stiffness: a 5.3-year follow-up in routine clinical practice. <i>Journal of Hypertension</i> , 2010 , 28, 2336-41	1.9	72
55	Arterial stiffness is increased in patients with inflammatory bowel disease. <i>Journal of Hypertension</i> , 2012 , 30, 1775-81	1.9	71
54	Endothelial function and chronic exposure to air pollution in normal male subjects. <i>Hypertension</i> , 2007 , 50, 970-6	8.5	69
53	Concept of Extremes in Vascular Aging. <i>Hypertension</i> , 2019 , 74, 218-228	8.5	68
52	Aortic stiffness as a tissue biomarker for predicting future cardiovascular events in asymptomatic hypertensive subjects. <i>Annals of Medicine</i> , 2012 , 44 Suppl 1, S93-7	1.5	68
51	Assessment of carotid stiffness and intima-media thickness from ultrasound data: comparison between two methods. <i>Journal of Ultrasound in Medicine</i> , 2010 , 29, 1169-75	2.9	61
50	Arterial stiffness: a new surrogate end point for cardiovascular disease?. <i>Journal of Nephrology</i> , 2007 , 20 Suppl 12, S45-50	4.8	60
49	Aortic stiffness predicts functional outcome in patients after ischemic stroke. <i>Stroke</i> , 2012 , 43, 543-4	6.7	57
48	Characteristics of healthy vascular ageing in pooled population-based cohort studies: the global Metabolic syndrome and Artery REsearch Consortium. <i>Journal of Hypertension</i> , 2018 , 36, 2340-2349	1.9	57
47	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. <i>Hypertension</i> , 2019 , 73, 1138-1149	8.5	51
46	Increased arterial stiffness in inflammatory bowel diseases is dependent upon inflammation and reduced by immunomodulatory drugs. <i>Atherosclerosis</i> , 2014 , 234, 346-51	3.1	51
45	Distance measurements for the assessment of carotid to femoral pulse wave velocity. <i>Journal of Hypertension</i> , 2009 , 27, 2377-85	1.9	51
44	Estimated carotid-femoral pulse wave velocity has similar predictive value as measured carotid-femoral pulse wave velocity. <i>Journal of Hypertension</i> , 2016 , 34, 1279-89	1.9	46
43	When an Increase in Central Systolic Pressure Overrides the Benefits of Heart Rate Lowering. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 754-62	15.1	45
42	Association of Estimated Pulse Wave Velocity With Survival: A Secondary Analysis of SPRINT. <i>JAMA Network Open</i> , 2019 , 2, e1912831	10.4	41
41	Pulse wave velocity is associated with early clinical outcome after ischemic stroke. <i>Atherosclerosis</i> , 2012 , 225, 348-52	3.1	39
40	Inflammation and Aortic Stiffness: An Individual Participant Data Meta-Analysis in Patients With Inflammatory Bowel Disease. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	35

39	Early and Supernormal Vascular Aging: Clinical Characteristics and Association With Incident Cardiovascular Events. <i>Hypertension</i> , 2020 , 76, 1616-1624	8.5	29
38	Mechanisms of Arterial Stiffening: From Mechanotransduction to Epigenetics. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1055-1062	9.4	27
37	Selective Heart Rate Reduction With Ivabradine Increases Central Blood Pressure in Stable Coronary Artery Disease. <i>Hypertension</i> , 2016 , 67, 1205-10	8.5	25
36	Arterial Stiffness Assessment by Shear Wave Elastography and Ultrafast Pulse Wave Imaging: Comparison with Reference Techniques in Normotensives and Hypertensives. <i>Ultrasound in Medicine and Biology</i> , 2019 , 45, 758-772	3.5	22
35	Arterial (Aortic) Stiffness in Patients with Resistant Hypertension: from Assessment to Treatment. <i>Current Hypertension Reports</i> , 2017 , 19, 2	4.7	20
34	Arterial Stiffness and Hypertension in the Elderly. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 544302	5.4	20
33	Acute hypertensive response in ischemic stroke is associated with increased aortic stiffness. <i>Atherosclerosis</i> , 2016 , 251, 1-5	3.1	20
32	MASKed-unCONtrolled hypERTension management based on office BP or on ambulatory blood pressure measurement (MASTER) Study: a randomised controlled trial protocol. <i>BMJ Open</i> , 2018 , 8, e021038	3.0	20
31	Pulse wave velocity differs between ulcerative colitis and chronic kidney disease. <i>European Journal of Internal Medicine</i> , 2018 , 47, 36-42	3.9	18
30	Contribution of Rare and Common Genetic Variants to Plasma Lipid Levels and Carotid Stiffness and Geometry: A Substudy of the Paris Prospective Study 3. <i>Circulation: Cardiovascular Genetics</i> , 2015 , 8, 628-36		17
29	Increased carotid stiffness and remodelling at early stages of chronic kidney disease. <i>Journal of Hypertension</i> , 2019 , 37, 1176-1182	1.9	16
28	Carotid Artery Stiffness and Incident Depressive Symptoms: The Paris Prospective Study III. <i>Biological Psychiatry</i> , 2019 , 85, 498-505	7.9	15
27	Ideal Cardiovascular Health and Subclinical Markers of Carotid Structure and Function: The Paris Prospective Study III. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 2115-24	9.4	13
26	SPARTE Study: Normalization of Arterial Stiffness and Cardiovascular Events in Patients With Hypertension at Medium to Very High Risk. <i>Hypertension</i> , 2021 , 78, 983-995	8.5	13
25	Personalised Single-Pill Combination Therapy in Hypertensive Patients: An Update of a Practical Treatment Platform. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2017 , 24, 463-472	2.9	12
24	Randomized evaluation of a novel, fixed-dose combination of perindopril 3.5 mg/amlodipine 2.5 mg as a first-step treatment in hypertension. <i>Journal of Hypertension</i> , 2015 , 33, 653-61; discussion 662	1.9	12
23	Perceived stress, common carotid intima media thickness and occupational status: The Paris Prospective Study III. <i>International Journal of Cardiology</i> , 2016 , 221, 1025-30	3.2	10
22	Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity: The Paris Prospective Study III. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 1420-1428	9.4	8

21	The Cross-Talk Between the Macro- and the Microcirculation 2015 , 105-116		8
20	Elevated estimated arterial age is associated with metabolic syndrome and low-grade inflammation. <i>Journal of Hypertension</i> , 2016 , 34, 2410-2417	1.9	8
19	Aortic stiffness is not only associated with structural but also functional parameters of retinal microcirculation. <i>Microvascular Research</i> , 2020 , 129, 103974	3.7	7
18	Radiofrequency-based wall tracking for noninvasive assessment of local carotid pulse pressure: comparison with applanation tonometry and association with organ damage. <i>Journal of Hypertension</i> , 2018 , 36, 2362-2368	1.9	7
17	Clinical evaluation of an optical fiber-based probe for the assessment of central arterial pulse waves. <i>Hypertension Research</i> , 2018 , 41, 904-912	4.7	7
16	Gut microbiome composition, a third player in the inflammation-arterial stiffness relationship. <i>European Heart Journal</i> , 2018 , 39, 2398-2400	9.5	7
15	Visit-to-visit blood pressure variability: added TVALUETas a risk marker in low- and high-risk patients. <i>European Heart Journal</i> , 2018 , 39, 2252-2254	9.5	6
14	Protocol of the SPARTE Study: A Strategy for Preventing Cardiovascular and Renal Events based on ARTERial Stiffness. <i>Artery Research</i> , 2020 , 26, 250	2.2	6
13	Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity: The Paris Prospective Study III. <i>Hypertension</i> , 2019 , 74, 1476-1483	8.5	5
12	Impact of simultaneous measurement of central blood pressure with the SphygmoCor Xcel during MRI acquisition to better estimate aortic distensibility. <i>Journal of Hypertension</i> , 2019 , 37, 1448-1454	1.9	5
11	Sleep Apnea is Associated With Accelerated Vascular Aging: Results From 2 European Community-Based Cohort Studies. <i>Journal of the American Heart Association</i> , 2021 , 10, e021318	6	4
10	Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. <i>Hypertension</i> , 2022 , HYPERTENSIONAHA12117962	8.5	3
9	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. <i>Atherosclerosis</i> , 2016 , 251, 55-62	3.1	3
8	Case of Asymptomatic Carotid Artery Stenosis in a Hypertensive Patient. <i>Hypertension</i> , 2017 , 69, 985-998.5	8.5	2
7	Blood pressure lowering trials: wrapping up the topic?. <i>Lancet, The</i> , 2016 , 387, 923-924	4.0	2
6	Predictive Importance of Blood Pressure Characteristics With Increasing Age in Healthy Men and Women: The MORGAM Project. <i>Hypertension</i> , 2021 , 77, 1076-1085	8.5	2
5	Dagliutril for treatment of renal damage in hypertensive patients with type 2 diabetes: disappointment or hope?. <i>Lancet Diabetes and Endocrinology,the</i> , 2013 , 1, 2-3	18.1	1
4	Foot detection and distances by different methods: implications for pulse wave velocity values. <i>Journal of Hypertension</i> , 2015 , 33, 2550-1	1.9	1

- 3 Arterial stiffness to predict hypertensive response to antiangiogenic drugs.. *Journal of Clinical Oncology*, **2013**, 31, e13589-e13589 2.2
- 2 Arterial stiffness and pulsatile hemodynamics in systemic hypertension **2022**, 445-455
- 1 Early vascular aging and supernormal vascular aging: genetics, epigenetics, and the environment **2022**, 421-428