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	2018 ESC/ESH Guidelines for the management of arterial hypertension. European Heart Journal, 2018, 39, 3021-3104.	2.2	6,826
2	2013 ESH/ESC Guidelines for the management of arterial hypertension. European Heart Journal, 2013, 34, 2159-2219.	2.2	5,681
3	Expert consensus document on arterial stiffness: methodological issues and clinical applications. European Heart Journal, 2006, 27, 2588-2605.	2.2	5,012
4	2007 Guidelines for the Management of Arterial Hypertension. Journal of Hypertension, 2007, 25, 1105-1187.	0.5	4,778
5	2013 ESH/ESC Guidelines for the management of arterial hypertension. Journal of Hypertension, 2013, 31, 1281-1357.	0.5	4,251
6	Vascular Contributions to Cognitive Impairment and Dementia. Stroke, 2011, 42, 2672-2713.	2.0	2,989
7	2018 ESC/ESH Guidelines for the management of arterial hypertension. Journal of Hypertension, 2018, 36, 1953-2041.	0.5	2,129
8	Aortic Stiffness Is an Independent Predictor of Primary Coronary Events in Hypertensive Patients. Hypertension, 2002, 39, 10-15.	2.7	1,604
9	Aortic Pulse Wave Velocity Improves Cardiovascular Event Prediction. Journal of the American College of Cardiology, 2014, 63, 636-646.	2.8	1,446
10	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
11	Aortic Stiffness Is an Independent Predictor of Fatal Stroke in Essential Hypertension. Stroke, 2003, 34, 1203-1206.	2.0	920
12	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
13	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
14	Vascular Smooth Muscle Cells and Arterial Stiffening: Relevance in Development, Aging, and Disease. Physiological Reviews, 2017, 97, 1555-1617.	28.8	466
15	The Structural Factor of Hypertension. Circulation Research, 2015, 116, 1007-1021.	4.5	383
16	Vascular Aging. Hypertension, 2009, 54, 3-10.	2.7	318
17	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
18	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

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19	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
20	Amlodipine-Valsartan Combination Decreases Central Systolic Blood Pressure More Effectively Than the Amlodipine-Atenolol Combination. Hypertension, 2010, 55, 1314-1322.	2.7	200
21	Large and Small Artery Cross-Talk and Recent Morbidity-Mortality Trials in Hypertension. Hypertension, 2009, 54, 388-392.	2.7	190
22	Interaction Between Hypertension and Arterial Stiffness. Hypertension, 2018, 72, 796-805.	2.7	189
23	Early vascular ageing in translation. Journal of Hypertension, 2013, 31, 1517-1526.	0.5	184
24	Antihypertensive drugs. Pharmacological Research, 2017, 124, 116-125.	7.1	178
25	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
26	Carotid Stiffness Is Associated With Incident Stroke. Journal of the American College of Cardiology, 2015, 66, 2116-2125.	2.8	172
27	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
28	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
29	New drugs, procedures, and devices for hypertension. Lancet, The, 2012, 380, 591-600.	13.7	139
30	Concept of Extremes in Vascular Aging. Hypertension, 2019, 74, 218-228.	2.7	138
31	Arterial Remodeling Associates with CKD Progression. Journal of the American Society of Nephrology: JASN, 2011, 22, 967-974.	6.1	135
32	Pharmacological Modulation of Arterial Stiffness. Drugs, 2011, 71, 1689-1701.	10.9	122
33	Large-vessel correlates of cerebral small-vessel disease. Neurology, 2013, 80, 662-669.	1.1	122
34	Association of Estimated Pulse Wave Velocity With Survival. JAMA Network Open, 2019, 2, e1912831.	5.9	113
35	Defining vascular aging and cardiovascular risk. Journal of Hypertension, 2012, 30, S3-S8.	0.5	112
36	Macrovasculature and Microvasculature at the Crossroads Between Type 2 Diabetes Mellitus and Hypertension. Hypertension, 2019, 73, 1138-1149.	2.7	111

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37	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
38	Is Hypertension Associated With an Accelerated Aging of the Brain?. Hypertension, 2014, 63, 894-903.	2.7	105
39	Early and Supernormal Vascular Aging. Hypertension, 2020, 76, 1616-1624.	2.7	103
40	Arterial Stiffness as Surrogate End Point. Hypertension, 2012, 60, 518-522.	2.7	100
41	Characteristics of healthy vascular ageing in pooled population-based cohort studies. Journal of Hypertension, 2018, 36, 2340-2349.	0.5	97
42	Arterial Stiffness and Hypertension in the Elderly. Frontiers in Cardiovascular Medicine, 2020, 7, 544302.	2.4	91
43	Dose-Dependent Arterial Destiffening and Inward Remodeling After Olmesartan in Hypertensives With Metabolic Syndrome. Hypertension, 2014, 64, 709-716.	2.7	88
44	Mechanisms of Arterial Stiffening. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1055-1062.	2.4	88
45	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
46	Arterial stiffness is increased in patients with inflammatory bowel disease. Journal of Hypertension, 2012, 30, 1775-1781.	0.5	86
47	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
48	Endothelial Function and Chronic Exposure to Air Pollution in Normal Male Subjects. Hypertension, 2007, 50, 970-976.	2.7	79
49	Assessment of Carotid Stiffness and Intima-Media Thickness From Ultrasound Data. Journal of Ultrasound in Medicine, 2010, 29, 1169-1175.	1.7	75
50	Aortic Stiffness Predicts Functional Outcome in Patients After Ischemic Stroke. Stroke, 2012, 43, 543-544.	2.0	68
51	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
52	Arterial stiffness: a new surrogate end point for cardiovascular disease?. Journal of Nephrology, 2007, 20 Suppl 12, S45-50.	2.0	65
53	Increased arterial stiffness in inflammatory bowel diseases is dependent upon inflammation and reduced by immunomodulatory drugs. Atherosclerosis, 2014, 234, 346-351.	0.8	62
54	Distance measurements for the assessment of carotid to femoral pulse wave velocity. Journal of Hypertension, 2009, 27, 2377-2385.	0.5	60

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55	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
56	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
57	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
58	Pulse wave velocity is associated with early clinical outcome after ischemic stroke. Atherosclerosis, 2012, 225, 348-352.	0.8	49
59	Microcirculation and Macrocirculation in Hypertension: A Dangerous Cross-Link?. Hypertension, 2022, 79, 479-490.	2.7	41
60	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
61	Selective Heart Rate Reduction With Ivabradine Increases Central Blood Pressure in Stable Coronary Artery Disease. Hypertension, 2016, 67, 1205-1210.	2.7	32
62	Increased carotid stiffness and remodelling at early stages of chronic kidney disease. Journal of Hypertension, 2019, 37, 1176-1182.	0.5	29
63	Pulse wave velocity differs between ulcerative colitis and chronic kidney disease. European Journal of Internal Medicine, 2018, 47, 36-42.	2.2	27
64	Acute hypertensive response in ischemic stroke is associated with increased aortic stiffness. Atherosclerosis, 2016, 251, 1-5.	0.8	24
65	Arterial (Aortic) Stiffness in Patients with Resistant Hypertension: from Assessment to Treatment. Current Hypertension Reports, 2017, 19, 2.	3.5	24
66	Ideal Cardiovascular Health and Subclinical Markers of Carotid Structure and Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2115-2124.	2.4	22
67	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
68	Carotid Artery Stiffness and Incident Depressive Symptoms: The Paris Prospective Study III. Biological Psychiatry, 2019, 85, 498-505.	1.3	20
69	Central versus peripheral blood pressure. Journal of Hypertension, 2016, 34, 1497-1499.	0.5	18
70	Type 2 Diabetes Mellitus Is Independently Associated With Decreased Neural Baroreflex Sensitivity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 1420-1428.	2.4	18
71	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
72	Elevated estimated arterial age is associated with metabolic syndrome and low-grade inflammation. Journal of Hypertension, 2016, 34, 2410-2417.	0.5	14

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73	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
74	The Cross-Talk Between the Macro- and the Microcirculation. , 2015, , 105-116.		12
75	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
76	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
77	Radiofrequency-based wall tracking for noninvasive assessment of local carotid pulse pressure. Journal of Hypertension, 2018, 36, 2362-2368.	0.5	10
78	Vascular Ageing â€“ State of Play, Gaps and Key Issues. Heart Lung and Circulation, 2021, 30, 1591-1594.	0.4	10
79	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
80	Association Between Occupational, Sport, and Leisure Related Physical Activity and Baroreflex Sensitivity. Hypertension, 2019, 74, 1476-1483.	2.7	9
81	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
82	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
83	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
84	Gut microbiome composition, a third player in the inflammationâ€“arterial stiffness relationship. European Heart Journal, 2018, 39, 2398-2400.	2.2	8
85	Aortic stiffness is not only associated with structural but also functional parameters of retinal microcirculation. Microvascular Research, 2020, 129, 103974.	2.5	8
86	Predictive Importance of Blood Pressure Characteristics With Increasing Age in Healthy Men and Women. Hypertension, 2021, 77, 1076-1085.	2.7	8
87	Blood pressure lowering trials: wrapping up the topic?. Lancet, The, 2016, 387, 923-924.	13.7	6
88	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
89	Case of Asymptomatic Carotid Artery Stenosis in a Hypertensive Patient. Hypertension, 2017, 69, 985-991.	2.7	3
90	Detecting Nonadherence to Antihypertensive Treatment. Hypertension, 2017, 70, 257-258.	2.7	3

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91	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
92	Aortic Stiffening, Aortic Blood Flow Reversal, and Renal Blood Flow. Hypertension, 2015, 66, 10-12.	2.7	2
93	Foot detection and distances by different methods. Journal of Hypertension, 2015, 33, 2550-2551.	0.5	1
94	Sharpening the Focus on Causes of Ethnic Differences in Aortic Stiffness. JACC: Cardiovascular Imaging, 2017, 10, 62-64.	5.3	1
95	Longitudinal Versus Cross-Sectional Changes in Aortic Stiffness With Aging. Hypertension, 2021, 77, 1166-1168.	2.7	1
96	Arterial stiffness to predict hypertensive response to antiangiogenic drugs.. Journal of Clinical Oncology, 2013, 31, e13589-e13589.	1.6	0
97	Arterial stiffness and pulsatile hemodynamics in systemic hypertension. , 2022, , 445-455.		0
98	Early vascular aging and supernormal vascular aging: genetics, epigenetics, and the environment. , 2022, , 421-428.		0