Michel E Safar

List of Publications by Year
in descending order

82 papers	8,129 citations	87723 38 h-index	71532 76 g-index
82 all docs	82 docs citations	82 times ranked	8004 citing authors

#	Article	IF	Citations
1	Current Perspectives on Arterial Stiffness and Pulse Pressure in Hypertension and Cardiovascular Diseases. Circulation, 2003, 107, 2864-2869.	1.6	1,024
2	Impact of Aortic Stiffness Attenuation on Survival of Patients in End-Stage Renal Failure. Circulation, 2001, 103, 987-992.	1.6	950
3	Pulse Pressure Not Mean Pressure Determines Cardiovascular Risk in Older Hypertensive Patients. Archives of Internal Medicine, 2000, 160, 1085.	4.3	502
4	Role of Pulse Pressure Amplification in Arterial Hypertension. Hypertension, 2009, 54, 375-383.	1.3	457
5	Aortic pulse wave velocity index and mortality in end-stage renal disease. Kidney International, 2003, 63, 1852-1860.	2.6	446
6	Stiffness of Capacitive and Conduit Arteries. Hypertension, 2005, 45, 592-596.	1.3	378
7	Mechanism(s) of selective systolic blood pressure reduction after a low-dose combination of perindopril/Indapamide in hypertensive subjects: comparison with atenolol. Journal of the American College of Cardiology, 2004, 43, 92-99.	1.2	308
8	Comparative effects of aging in men and women on the properties of the arterial tree. Journal of the American College of Cardiology, 2001, 37, 1374-1380.	1.2	269
9	Influence of Body Height on Pulsatile Arterial Hemodynamic Data 11Financial support for this study was provided by Groupe dâ€™Etude Physiopathologie Insuffisance Renale, Fleury MÃ©rogis and by Laboratoires Synthelabo, Meudon-La-Foret, France.. Journal of the American College of Cardiology, 1998, 31, 1103-1109.	1.2	219
10	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.	0.3	209
11	Arterial stiffness as a risk factor for clinical hypertension. Nature Reviews Cardiology, 2018, 15, 97-105.	6.1	202
12	Pulse Pressure Amplification. Journal of the American College of Cardiology, 2010, 55, 1032-1037.	1.2	198
13	Metabolic Syndrome and Age-Related Progression of Aortic Stiffness. Journal of the American College of Cardiology, 2006, 47, 72-75.	1.2	194
14	Interaction Between Hypertension and Arterial Stiffness. Hypertension, 2018, 72, 796-805.	1.3	189
15	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
16	Obesity, Arterial Stiffness, and Cardiovascular Risk. Journal of the American Society of Nephrology: JASN, 2006, 17, S109-S111.	3.0	153
17	Prevention of aortic and cardiac fibrosis by spironolactone in old normotensive rats. Journal of the American College of Cardiology, 2001, 37, 662-667.	1.2	145
18	Sex Difference in Cardiovascular Risk. Journal of the American College of Cardiology, 2012, 59, 1771-1777.	1.2	140

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19	Plasma Homocysteine, Aortic Stiffness, and Renal Function in Hypertensive Patients. Hypertension, 1999, 34, 837-842.	1.3	136
20	Systolic Blood Pressure Revisited. Journal of the American College of Cardiology, 1997, 29, 1407-1413.	1.2	115
21	Blood Pressure Response Under Chronic Antihypertensive Drug Therapy. Journal of the American College of Cardiology, 2009, 53, 445-451.	1.2	104
22	Hypertension and Vascular Dynamics in Men and Women With Metabolic Syndrome. Journal of the American College of Cardiology, 2013, 61, 12-19.	1.2	104
23	Central blood pressures: do we need them in the management of cardiovascular disease? Is it a feasible therapeutic target?. Journal of Hypertension, 2007, 25, 265-272.	0.3	99
24	Should diastolic and systolic blood pressure be considered for cardiovascular risk evaluation: a study in middle-aged men and women. Journal of the American College of Cardiology, 2001, 37, 163-168.	1.2	78
25	Arterial Stiffness, Pulse Pressure, and the Kidney. American Journal of Hypertension, 2015, 28, 561-569.	1.0	70
26	Hypertension, Diabetes Type II, and Their Association: Role of Arterial Stiffness. American Journal of Hypertension, 2016, 29, 5-13.	1.0	70
27	Disturbance of macro- and microcirculation: relations with pulse pressure and cardiac organ damage. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1-H7.	1.5	67
28	From epidemiological transition to modern cardiovascular epidemiology: hypertension in the 21st century. Lancet, The, 2016, 388, 530-532.	6.3	63
29	Aortic Aging in ESRD: Structural, Hemodynamic, and Mortality Implications. Journal of the American Society of Nephrology: JASN, 2016, 27, 1837-1846.	3.0	63
30	Central blood pressure and hypertension: role in cardiovascular risk assessment. Clinical Science, 2009, 116, 273-282.	1.8	60
31	Systolic hypertension in the elderly: arterial wall mechanical properties and the reninâ€“angiotensinâ€“aldosterone system. Journal of Hypertension, 2005, 23, 673-681.	0.3	58
32	Macrovascular and microvascular dysfunction in the metabolic syndrome. Hypertension Research, 2010, 33, 293-297.	1.5	54
33	Characteristics of pulse wave velocity in elastic and muscular arteries. Journal of Hypertension, 2013, 31, 554-559.	0.3	54
34	Aortic stiffness and cardiovascular risk in type 2 diabetes. Journal of Hypertension, 2013, 31, 1584-1592.	0.3	51
35	Arterial Stiffness in Hypertension and Function of Large Arteries. American Journal of Hypertension, 2020, 33, 291-296.	1.0	51
36	Arterial stiffness and central hemodynamics in treated hypertensive subjects according to brachial blood pressure classification. Journal of Hypertension, 2008, 26, 130-137.	0.3	48

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37	Angiotensin-Converting Enzyme D/I Gene Polymorphism and Age-Related Changes in Pulse Pressure in Subjects with Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 782-786.	1.1	45
38	Central hemodynamic modifications in diabetes mellitus. Atherosclerosis, 2013, 230, 315-321.	0.4	39
39	Intraaortic Pulse Pressure Amplification in Subjects at High Coronary Risk. Hypertension, 2010, 55, 327-332.	1.3	38
40	Aldosterone synthase gene polymorphism, stroke volume and age-related changes in aortic pulse wave velocity in subjects with hypertension. Journal of Hypertension, 2005, 23, 1159-1166.	0.3	32
41	Arterial Stiffness: A Simplified Overview in Vascular Medicine. , 2006, 44, 1-18.		30
42	Arterial Stiffness Gradient, Systemic Reflection Coefficient, and Pulsatile Pressure Wave Transmission in Essential Hypertension. Hypertension, 2019, 74, 1366-1372.	1.3	29
43	Longitudinal Changes in Mean and Pulse Pressure, and All-Cause Mortality: Data From 71,629 Untreated Normotensive Individuals. American Journal of Hypertension, 2017, 30, 1093-1099.	1.0	28
44	Aortic stiffness improves the prediction of both diagnosis and severity of coronary artery disease. Hypertension Research, 2018, 41, 118-125.	1.5	28
45	Tissue Factor Pathway Inhibitor. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1226-1232.	1.1	24
46	Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms. Current Hypertension Reports, 2020, 22, 5.	1.5	24
47	Angiotensin System Blockade Combined With Calcium Channel Blockers Is Superior to Other Combinations in Cardiovascular Protection With Similar Blood Pressure Reduction: A Metaâ€Analysis in 20,451 Hypertensive Patients. Journal of Clinical Hypertension, 2016, 18, 801-808.	1.0	23
48	Structure and Function of Systemic Arteries: Reflections on the Arterial Pulse. American Journal of Hypertension, 2018, 31, 934-940.	1.0	23
49	Gender influence on the dose-ranging of a low-dose perindoprilâ€“indapamide combination in hypertension: effect on systolic and pulse pressure. Journal of Hypertension, 2002, 20, 1653-1661.	0.3	22
50	Hemodynamic parameters in hypertensive diabetic patients. Journal of Hypertension, 2016, 34, 1123-1131.	0.3	20
51	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. American Journal of Hypertension, 2016, 29, 737-746.	1.0	20
52	The Data from an Epidemiologic Study on the Insulin Resistance Syndrome Study: the change and the rate of change of the ageâ€“blood pressure relationship. Journal of Hypertension, 2008, 26, 1903-1911.	0.3	18
53	Longitudinal Study of Hypertensive Subjects With Type 2 Diabetes Mellitus. Hypertension, 2017, 69, 1029-1035.	1.3	16
54	Association between different lipid parameters and aortic stiffness. Journal of Hypertension, 2019, 37, 2240-2246.	0.3	16

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55	Arterial Stiffness and Peripheral Arterial Disease. , 2006, 44, 199-211.		15
56	Clinical relevance of aortic stiffness in end-stage renal disease and diabetes. Journal of Hypertension, 2018, 36, 1237-1246.	0.3	15
57	Application of a decision tree to establish factors associated with a nomogram of aortic stiffness. Journal of Clinical Hypertension, 2019, 21, 1484-1492.	1.0	15
58	Mechanism(s) of Systolic Blood Pressure Reduction and Drug Therapy in Hypertension. Hypertension, 2007, 50, 167-171.	1.3	14
59	Antihypertensive therapy and de-stiffening of the arteries. Expert Opinion on Pharmacotherapy, 2010, 11, 2625-2634.	0.9	14
60	Etiology of End-Stage Renal Disease and Arterial Stiffness among Hemodialysis Patients. BioMed Research International, 2017, 2017, 1-6.	0.9	12
61	Relationship between BMI and aortic stiffness: influence of anthropometric indices in hypertensive men and women. Journal of Hypertension, 2020, 38, 249-256.	0.3	10
62	Pulsatile hemodynamics and cardiovascular risk factors in very old patients. Journal of Hypertension, 2013, 31, 848-857.	0.3	9
63	Development of an Experimental Model to Study the Relationship Between Day-to-Day Variability in Blood Pressure and Aortic Stiffness. Frontiers in Physiology, 2015, 6, 368.	1.3	9
64	Letter: Aldosterone Antagonism and Arterial Stiffness. Hypertension, 2004, 43, .	1.3	7
65	Impact of country of birth on progression of steady and pulsatile hemodynamic parameters in normotensive and hypertensive subjects. Journal of the American Society of Hypertension, 2013, 7, 440-447.	2.3	6
66	Atherosclerosis, Arterial Stiffness and Antihypertensive Drug Therapy. , 2006, 44, 331-351.		5
67	Hypertensive Cardiovascular Risk: Pulsatile Hemodynamics, Gender, and Therapeutic Implications. American Journal of Hypertension, 2017, 30, 947-953.	1.0	5
68	Determinants of pulse pressure amplification in hypertensive and diabetic patients. Hypertension Research, 2019, 42, 374-384.	1.5	5
69	Sex Differences in Arterial Stiffening and Central Pulse Pressure. Journal of the American College of Cardiology, 2020, 75, 881-883.	1.2	5
70	Added value of aortic pulse wave velocity index for the detection of coronary heart disease by elective coronary angiography. Blood Pressure, 2019, 28, 375-384.	0.7	4
71	Wave reflections in hypertension. Journal of Hypertension, 2019, 37, 555-562.	0.3	4
72	Current assessment of pulse wave velocity. Journal of Hypertension, 2020, 38, 178.	0.3	4

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73	Large arteries and the kidney. Journal of the American Society of Hypertension, 2007, 1, 169-177.	2.3	2
74	De-stiffening drug therapy and blood pressure control. Integrated Blood Pressure Control, 2010, 3, 1.	0.4	2
75	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. Medical Clinics of North America, 2017, 101, 159-167.	1.1	2
76	Hypertension in postmenopausal women: hemodynamic and therapeutic implications. Journal of the American Society of Hypertension, 2018, 12, 151-153.	2.3	2
77	Concomitant Hypertension and Diabetes: Role of Aortic Stiffness and Glycemic Management. American Journal of Hypertension, 2018, 31, 169-171.	1.0	2
78	Hypertension control and cardiovascular disease â€“ Authors' reply. Lancet, The, 2017, 389, 154-155.	6.3	1
79	A Short Insight on 2 Different Aspects of Arterial Stiffness. American Journal of Hypertension, 2017, 30, e1-e2.	1.0	1
80	Pulse Pressure: A Help in Medical Semiology for Metabolic Syndrome. American Journal of Hypertension, 2007, 20, 204-205.	1.0	0
81	Pulse Pressure and Dual Angiotensin Blockade. American Journal of Hypertension, 2008, 21, 133-133.	1.0	0
82	Reply. Journal of Hypertension, 2019, 37, 2499-2500.	0.3	0