

Michel E Safar

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

8,129
citations

87888

38
h-index

71685

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. <i>Circulation</i> , 2003, 107, 2864-2869.	1.6	1,024
2	Impact of Aortic Stiffness Attenuation on Survival of Patients in End-Stage Renal Failure. <i>Circulation</i> , 2001, 103, 987-992.	1.6	950
3	Pulse Pressure Not Mean Pressure Determines Cardiovascular Risk in Older Hypertensive Patients. <i>Archives of Internal Medicine</i> , 2000, 160, 1085.	3.8	502
4	Role of Pulse Pressure Amplification in Arterial Hypertension. <i>Hypertension</i> , 2009, 54, 375-383.	2.7	457
5	Aortic pulse wave velocity index and mortality in end-stage renal disease. <i>Kidney International</i> , 2003, 63, 1852-1860.	5.2	446
6	Stiffness of Capacitive and Conduit Arteries. <i>Hypertension</i> , 2005, 45, 592-596.	2.7	378
7	Mechanism(s) of selective systolic blood pressure reduction after a low-dose combination of perindopril/Indapamide in hypertensive subjects: comparison with atenolol. <i>Journal of the American College of Cardiology</i> , 2004, 43, 92-99.	2.8	308
8	Comparative effects of aging in men and women on the properties of the arterial tree. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1374-1380.	2.8	269
9	Influence of Body Height on Pulsatile Arterial Hemodynamic Data 11Financial support for this study was provided by Groupe d'Étude Physiopathologie Insuffisance Renale, Fleury MÃ©rogis and by Laboratoires Synthelabo, Meudon-La-Forêt, France.. <i>Journal of the American College of Cardiology</i> , 1998, 31, 1103-1109.	2.8	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. <i>Journal of Hypertension</i> , 2011, 29, 1034-1042.	0.5	209
11	Arterial stiffness as a risk factor for clinical hypertension. <i>Nature Reviews Cardiology</i> , 2018, 15, 97-105.	13.7	202
12	Pulse Pressure Amplification. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1032-1037.	2.8	198
13	Metabolic Syndrome and Age-Related Progression of Aortic Stiffness. <i>Journal of the American College of Cardiology</i> , 2006, 47, 72-75.	2.8	194
14	Interaction Between Hypertension and Arterial Stiffness. <i>Hypertension</i> , 2018, 72, 796-805.	2.7	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. <i>Journal of the American College of Cardiology</i> , 2012, 60, 1503-1511.	2.8	156
16	Obesity, Arterial Stiffness, and Cardiovascular Risk. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, S109-S111.	6.1	153
17	Prevention of aortic and cardiac fibrosis by spironolactone in old normotensive rats. <i>Journal of the American College of Cardiology</i> , 2001, 37, 662-667.	2.8	145
18	Sex Difference in Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1771-1777.	2.8	140

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19	Plasma Homocysteine, Aortic Stiffness, and Renal Function in Hypertensive Patients. <i>Hypertension</i> , 1999, 34, 837-842.	2.7	136
20	Systolic Blood Pressure Revisited. <i>Journal of the American College of Cardiology</i> , 1997, 29, 1407-1413.	2.8	115
21	Blood Pressure Response Under Chronic Antihypertensive Drug Therapy. <i>Journal of the American College of Cardiology</i> , 2009, 53, 445-451.	2.8	104
22	Hypertension and Vascular Dynamics in Men and Women With Metabolic Syndrome. <i>Journal of the American College of Cardiology</i> , 2013, 61, 12-19.	2.8	104
23	Central blood pressures: do we need them in the management of cardiovascular disease? Is it a feasible therapeutic target?. <i>Journal of Hypertension</i> , 2007, 25, 265-272.	0.5	99
24	Should diastolic and systolic blood pressure be considered for cardiovascular risk evaluation: a study in middle-aged men and women. <i>Journal of the American College of Cardiology</i> , 2001, 37, 163-168.	2.8	78
25	Arterial Stiffness, Pulse Pressure, and the Kidney. <i>American Journal of Hypertension</i> , 2015, 28, 561-569.	2.0	70
26	Hypertension, Diabetes Type II, and Their Association: Role of Arterial Stiffness. <i>American Journal of Hypertension</i> , 2016, 29, 5-13.	2.0	70
27	Disturbance of macro- and microcirculation: relations with pulse pressure and cardiac organ damage. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2007, 293, H1-H7.	3.2	67
28	From epidemiological transition to modern cardiovascular epidemiology: hypertension in the 21st century. <i>Lancet, The</i> , 2016, 388, 530-532.	13.7	63
29	Aortic Aging in ESRD: Structural, Hemodynamic, and Mortality Implications. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1837-1846.	6.1	63
30	Central blood pressure and hypertension: role in cardiovascular risk assessment. <i>Clinical Science</i> , 2009, 116, 273-282.	4.3	60
31	Systolic hypertension in the elderly: arterial wall mechanical properties and the renin-angiotensin-aldosterone system. <i>Journal of Hypertension</i> , 2005, 23, 673-681.	0.5	58
32	Macrovascular and microvascular dysfunction in the metabolic syndrome. <i>Hypertension Research</i> , 2010, 33, 293-297.	2.7	54
33	Characteristics of pulse wave velocity in elastic and muscular arteries. <i>Journal of Hypertension</i> , 2013, 31, 554-559.	0.5	54
34	Aortic stiffness and cardiovascular risk in type 2 diabetes. <i>Journal of Hypertension</i> , 2013, 31, 1584-1592.	0.5	51
35	Arterial Stiffness in Hypertension and Function of Large Arteries. <i>American Journal of Hypertension</i> , 2020, 33, 291-296.	2.0	51
36	Arterial stiffness and central hemodynamics in treated hypertensive subjects according to brachial blood pressure classification. <i>Journal of Hypertension</i> , 2008, 26, 130-137.	0.5	48

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37	Angiotensin-Converting Enzyme D/I Gene Polymorphism and Age-Related Changes in Pulse Pressure in Subjects with Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 782-786.	2.4	45
38	Central hemodynamic modifications in diabetes mellitus. <i>Atherosclerosis</i> , 2013, 230, 315-321.	0.8	39
39	Intraaortic Pulse Pressure Amplification in Subjects at High Coronary Risk. <i>Hypertension</i> , 2010, 55, 327-332.	2.7	38
40	Aldosterone synthase gene polymorphism, stroke volume and age-related changes in aortic pulse wave velocity in subjects with hypertension. <i>Journal of Hypertension</i> , 2005, 23, 1159-1166.	0.5	32
41	Arterial Stiffness: A Simplified Overview in <i>Vascular Medicine</i> . , 2006, 44, 1-18.		30
42	Arterial Stiffness Gradient, Systemic Reflection Coefficient, and Pulsatile Pressure Wave Transmission in Essential Hypertension. <i>Hypertension</i> , 2019, 74, 1366-1372.	2.7	29
43	Longitudinal Changes in Mean and Pulse Pressure, and All-Cause Mortality: Data From 71,629 Untreated Normotensive Individuals. <i>American Journal of Hypertension</i> , 2017, 30, 1093-1099.	2.0	28
44	Aortic stiffness improves the prediction of both diagnosis and severity of coronary artery disease. <i>Hypertension Research</i> , 2018, 41, 118-125.	2.7	28
45	Tissue Factor Pathway Inhibitor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1226-1232.	2.4	24
46	Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms. <i>Current Hypertension Reports</i> , 2020, 22, 5.	3.5	24
47	Angiotensin System Blockade Combined With Calcium Channel Blockers Is Superior to Other Combinations in Cardiovascular Protection With Similar Blood Pressure Reduction: A Meta-Analysis in 20,451 Hypertensive Patients. <i>Journal of Clinical Hypertension</i> , 2016, 18, 801-808.	2.0	23
48	Structure and Function of Systemic Arteries: Reflections on the Arterial Pulse. <i>American Journal of Hypertension</i> , 2018, 31, 934-940.	2.0	23
49	Gender influence on the dose-ranging of a low-dose perindopril-“indapamide combination in hypertension: effect on systolic and pulse pressure. <i>Journal of Hypertension</i> , 2002, 20, 1653-1661.	0.5	22
50	Hemodynamic parameters in hypertensive diabetic patients. <i>Journal of Hypertension</i> , 2016, 34, 1123-1131.	0.5	20
51	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. <i>American Journal of Hypertension</i> , 2016, 29, 737-746.	2.0	20
52	The Data from an Epidemiologic Study on the Insulin Resistance Syndrome Study: the change and the rate of change of the age-“blood pressure relationship. <i>Journal of Hypertension</i> , 2008, 26, 1903-1911.	0.5	18
53	Longitudinal Study of Hypertensive Subjects With Type 2 Diabetes Mellitus. <i>Hypertension</i> , 2017, 69, 1029-1035.	2.7	16
54	Association between different lipid parameters and aortic stiffness. <i>Journal of Hypertension</i> , 2019, 37, 2240-2246.	0.5	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.	0.5	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.	2.0	15
58	Mechanism(s) of Systolic Blood Pressure Reduction and Drug Therapy in Hypertension. Hypertension, 2007, 50, 167-171.	2.7	14
59	Antihypertensive therapy and de-stiffening of the arteries. Expert Opinion on Pharmacotherapy, 2010, 11, 2625-2634.	1.8	14
60	Etiology of End-Stage Renal Disease and Arterial Stiffness among Hemodialysis Patients. BioMed Research International, 2017, 2017, 1-6.	1.9	12
61	Relationship between BMI and aortic stiffness: influence of anthropometric indices in hypertensive men and women. Journal of Hypertension, 2020, 38, 249-256.	0.5	10
62	Pulsatile hemodynamics and cardiovascular risk factors in very old patients. Journal of Hypertension, 2013, 31, 848-857.	0.5	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.	2.8	9
64	Letter: Aldosterone Antagonism and Arterial Stiffness. Hypertension, 2004, 43, .	2.7	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.	2.0	5
68	Determinants of pulse pressure amplification in hypertensive and diabetic patients. Hypertension Research, 2019, 42, 374-384.	2.7	5
69	Sex Differences in Arterial Stiffening and Central Pulse Pressure. Journal of the American College of Cardiology, 2020, 75, 881-883.	2.8	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.	1.5	4
71	Wave reflections in hypertension. Journal of Hypertension, 2019, 37, 555-562.	0.5	4
72	Current assessment of pulse wave velocity. Journal of Hypertension, 2020, 38, 178.	0.5	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.	1.2	2
75	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. Medical Clinics of North America, 2017, 101, 159-167.	2.5	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.	2.0	2
78	Hypertension control and cardiovascular disease – Authors' reply. Lancet, The, 2017, 389, 154-155.	13.7	1
79	A Short Insight on 2 Different Aspects of Arterial Stiffness. American Journal of Hypertension, 2017, 30, e1-e2.	2.0	1
80	Pulse Pressure: A Help in Medical Semiology for Metabolic Syndrome. American Journal of Hypertension, 2007, 20, 204-205.	2.0	0
81	Pulse Pressure and Dual Angiotensin Blockade. American Journal of Hypertension, 2008, 21, 133-133.	2.0	0
82	Reply. Journal of Hypertension, 2019, 37, 2499-2500.	0.5	0