

# 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	Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms. <i>Current Hypertension Reports</i> , 2020, 22, 5.	3.5	24
2	Current assessment of pulse wave velocity. <i>Journal of Hypertension</i> , 2020, 38, 178.	0.5	4
3	Relationship between BMI and aortic stiffness: influence of anthropometric indices in hypertensive men and women. <i>Journal of Hypertension</i> , 2020, 38, 249-256.	0.5	10
4	Arterial Stiffness in Hypertension and Function of Large Arteries. <i>American Journal of Hypertension</i> , 2020, 33, 291-296.	2.0	51
5	Sex Differences in Arterial Stiffening and Central Pulse Pressure. <i>Journal of the American College of Cardiology</i> , 2020, 75, 881-883.	2.8	5
6	Added value of aortic pulse wave velocity index for the detection of coronary heart disease by elective coronary angiography. <i>Blood Pressure</i> , 2019, 28, 375-384.	1.5	4
7	Arterial Stiffness Gradient, Systemic Reflection Coefficient, and Pulsatile Pressure Wave Transmission in Essential Hypertension. <i>Hypertension</i> , 2019, 74, 1366-1372.	2.7	29
8	Application of a decision tree to establish factors associated with a nomogram of aortic stiffness. <i>Journal of Clinical Hypertension</i> , 2019, 21, 1484-1492.	2.0	15
9	Wave reflections in hypertension. <i>Journal of Hypertension</i> , 2019, 37, 555-562.	0.5	4
10	Reply. <i>Journal of Hypertension</i> , 2019, 37, 2499-2500.	0.5	0
11	Association between different lipid parameters and aortic stiffness. <i>Journal of Hypertension</i> , 2019, 37, 2240-2246.	0.5	16
12	Determinants of pulse pressure amplification in hypertensive and diabetic patients. <i>Hypertension Research</i> , 2019, 42, 374-384.	2.7	5
13	Hypertension in postmenopausal women: hemodynamic and therapeutic implications. <i>Journal of the American Society of Hypertension</i> , 2018, 12, 151-153.	2.3	2
14	Clinical relevance of aortic stiffness in end-stage renal disease and diabetes. <i>Journal of Hypertension</i> , 2018, 36, 1237-1246.	0.5	15
15	Concomitant Hypertension and Diabetes: Role of Aortic Stiffness and Glycemic Management. <i>American Journal of Hypertension</i> , 2018, 31, 169-171.	2.0	2
16	Arterial stiffness as a risk factor for clinical hypertension. <i>Nature Reviews Cardiology</i> , 2018, 15, 97-105.	13.7	202
17	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
18	Interaction Between Hypertension and Arterial Stiffness. <i>Hypertension</i> , 2018, 72, 796-805.	2.7	189

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19	Structure and Function of Systemic Arteries: Reflections on the Arterial Pulse. American Journal of Hypertension, 2018, 31, 934-940.	2.0	23
20	Hypertension control and cardiovascular disease – Authors' reply. Lancet, The, 2017, 389, 154-155.	13.7	1
21	Longitudinal Study of Hypertensive Subjects With Type 2 Diabetes Mellitus. Hypertension, 2017, 69, 1029-1035.	2.7	16
22	Hypertensive Cardiovascular Risk: Pulsatile Hemodynamics, Gender, and Therapeutic Implications. American Journal of Hypertension, 2017, 30, 947-953.	2.0	5
23	A Short Insight on 2 Different Aspects of Arterial Stiffness. American Journal of Hypertension, 2017, 30, e1-e2.	2.0	1
24	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.	2.0	28
25	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. Medical Clinics of North America, 2017, 101, 159-167.	2.5	2
26	Etiology of End-Stage Renal Disease and Arterial Stiffness among Hemodialysis Patients. BioMed Research International, 2017, 2017, 1-6.	1.9	12
27	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. Journal of Clinical Hypertension, 2016, 18, 801-808.	2.0	23
28	Hemodynamic parameters in hypertensive diabetic patients. Journal of Hypertension, 2016, 34, 1123-1131.	0.5	20
29	From epidemiological transition to modern cardiovascular epidemiology: hypertension in the 21st century. Lancet, The, 2016, 388, 530-532.	13.7	63
30	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. American Journal of Hypertension, 2016, 29, 737-746.	2.0	20
31	Aortic Aging in ESRD: Structural, Hemodynamic, and Mortality Implications. Journal of the American Society of Nephrology: JASN, 2016, 27, 1837-1846.	6.1	63
32	Hypertension, Diabetes Type II, and Their Association: Role of Arterial Stiffness. American Journal of Hypertension, 2016, 29, 5-13.	2.0	70
33	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
34	Arterial Stiffness, Pulse Pressure, and the Kidney. American Journal of Hypertension, 2015, 28, 561-569.	2.0	70
35	Hypertension and Vascular Dynamics in Men and Women With Metabolic Syndrome. Journal of the American College of Cardiology, 2013, 61, 12-19.	2.8	104
36	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

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37	Central hemodynamic modifications in diabetes mellitus. <i>Atherosclerosis</i> , 2013, 230, 315-321.	0.8	39
38	Aortic stiffness and cardiovascular risk in type 2 diabetes. <i>Journal of Hypertension</i> , 2013, 31, 1584-1592.	0.5	51
39	Pulsatile hemodynamics and cardiovascular risk factors in very old patients. <i>Journal of Hypertension</i> , 2013, 31, 848-857.	0.5	9
40	Characteristics of pulse wave velocity in elastic and muscular arteries. <i>Journal of Hypertension</i> , 2013, 31, 554-559.	0.5	54
41	Sex Difference in Cardiovascular Risk. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1771-1777.	2.8	140
42	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
43	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
44	Tissue Factor Pathway Inhibitor. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1226-1232.	2.4	24
45	De-stiffening drug therapy and blood pressure control. <i>Integrated Blood Pressure Control</i> , 2010, 3, 1.	1.2	2
46	Intraaortic Pulse Pressure Amplification in Subjects at High Coronary Risk. <i>Hypertension</i> , 2010, 55, 327-332.	2.7	38
47	Antihypertensive therapy and de-stiffening of the arteries. <i>Expert Opinion on Pharmacotherapy</i> , 2010, 11, 2625-2634.	1.8	14
48	Pulse Pressure Amplification. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1032-1037.	2.8	198
49	Macrovascular and microvascular dysfunction in the metabolic syndrome. <i>Hypertension Research</i> , 2010, 33, 293-297.	2.7	54
50	Role of Pulse Pressure Amplification in Arterial Hypertension. <i>Hypertension</i> , 2009, 54, 375-383.	2.7	457
51	Blood Pressure Response Under Chronic Antihypertensive Drug Therapy. <i>Journal of the American College of Cardiology</i> , 2009, 53, 445-451.	2.8	104
52	Central blood pressure and hypertension: role in cardiovascular risk assessment. <i>Clinical Science</i> , 2009, 116, 273-282.	4.3	60
53	Pulse Pressure and Dual Angiotensin Blockade. <i>American Journal of Hypertension</i> , 2008, 21, 133-133.	2.0	0
54	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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55	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. <i>Journal of Hypertension</i> , 2008, 26, 1903-1911.	0.5	18
56	Mechanism(s) of Systolic Blood Pressure Reduction and Drug Therapy in Hypertension. <i>Hypertension</i> , 2007, 50, 167-171.	2.7	14
57	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
58	Pulse Pressure: A Help in Medical Semiology for Metabolic Syndrome. <i>American Journal of Hypertension</i> , 2007, 20, 204-205.	2.0	0
59	Large arteries and the kidney. <i>Journal of the American Society of Hypertension</i> , 2007, 1, 169-177.	2.3	2
60	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
61	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
62	Arterial Stiffness and Peripheral Arterial Disease. , 2006, 44, 199-211.		15
63	Arterial Stiffness: A Simplified Overview in Vascular Medicine. , 2006, 44, 1-18.		30
64	Atherosclerosis, Arterial Stiffness and Antihypertensive Drug Therapy. , 2006, 44, 331-351.		5
65	Obesity, Arterial Stiffness, and Cardiovascular Risk. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, S109-S111.	6.1	153
66	Systolic hypertension in the elderly: arterial wall mechanical properties and the reninâ€“angiotensinâ€“aldosterone system. <i>Journal of Hypertension</i> , 2005, 23, 673-681.	0.5	58
67	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
68	Stiffness of Capacitive and Conduit Arteries. <i>Hypertension</i> , 2005, 45, 592-596.	2.7	378
69	Letter: Aldosterone Antagonism and Arterial Stiffness. <i>Hypertension</i> , 2004, 43, .	2.7	7
70	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
71	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
72	Aortic pulse wave velocity index and mortality in end-stage renal disease. <i>Kidney International</i> , 2003, 63, 1852-1860.	5.2	446

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73	Current Perspectives on Arterial Stiffness and Pulse Pressure in Hypertension and Cardiovascular Diseases. <i>Circulation</i> , 2003, 107, 2864-2869.	1.6	1,024
74	Gender influence on the dose-ranging of a low-dose perindoprilâ€“indapamide combination in hypertension: effect on systolic and pulse pressure. <i>Journal of Hypertension</i> , 2002, 20, 1653-1661.	0.5	22
75	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
76	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
77	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
78	Impact of Aortic Stiffness Attenuation on Survival of Patients in End-Stage Renal Failure. <i>Circulation</i> , 2001, 103, 987-992.	1.6	950
79	Pulse Pressure Not Mean Pressure Determines Cardiovascular Risk in Older Hypertensive Patients. <i>Archives of Internal Medicine</i> , 2000, 160, 1085.	3.8	502
80	Plasma Homocysteine, Aortic Stiffness, and Renal Function in Hypertensive Patients. <i>Hypertension</i> , 1999, 34, 837-842.	2.7	136
81	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-Forêt, France.. <i>Journal of the American College of Cardiology</i> , 1998, 31, 1103-1109.	2.8	219
82	Systolic Blood Pressure Revisited. <i>Journal of the American College of Cardiology</i> , 1997, 29, 1407-1413.	2.8	115