

Michel E Safar

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.

80
papers

6,685
citations

37
h-index

81
g-index

82
ext. papers

7,465
ext. citations

5.5
avg, IF

5.85
L-index

#	Paper	IF	Citations
80	Current perspectives on arterial stiffness and pulse pressure in hypertension and cardiovascular diseases. <i>Circulation</i> , 2003 , 107, 2864-9	16.7	876
79	Impact of aortic stiffness attenuation on survival of patients in end-stage renal failure. <i>Circulation</i> , 2001 , 103, 987-92	16.7	836
78	Pulse pressure not mean pressure determines cardiovascular risk in older hypertensive patients. <i>Archives of Internal Medicine</i> , 2000 , 160, 1085-9		415
77	Role of pulse pressure amplification in arterial hypertension: experts' opinion and review of the data. <i>Hypertension</i> , 2009 , 54, 375-83	8.5	375
76	Aortic pulse wave velocity index and mortality in end-stage renal disease. <i>Kidney International</i> , 2003 , 63, 1852-60	9.9	373
75	Stiffness of capacitive and conduit arteries: prognostic significance for end-stage renal disease patients. <i>Hypertension</i> , 2005 , 45, 592-6	8.5	327
74	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, 92-9	15.1	276
73	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, 1374-80	15.1	237
72	Influence of body height on pulsatile arterial hemodynamic data. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 1103-9	15.1	193
71	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
70	Metabolic syndrome and age-related progression of aortic stiffness. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 72-5	15.1	172
69	Pulse pressure amplification a mechanical biomarker of cardiovascular risk. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1032-7	15.1	169
68	Prevention of aortic and cardiac fibrosis by spironolactone in old normotensive rats. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 662-7	15.1	131
67	Arterial stiffness as a risk factor for clinical hypertension. <i>Nature Reviews Cardiology</i> , 2018 , 15, 97-105	14.8	126
66	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: the PARTAGE (Predictive Values of Blood Pressure and Arterial Stiffness in Institutionalized Very Aged Population) study. <i>Journal of the American College of Cardiology</i> , 2018 , 69, 1503-11	15.1	124
65	Plasma homocysteine, aortic stiffness, and renal function in hypertensive patients. <i>Hypertension</i> , 1999 , 34, 837-42	8.5	124
64	Obesity, arterial stiffness, and cardiovascular risk. <i>Journal of the American Society of Nephrology: JASN</i> , 2006 , 17, S109-11	12.7	118

63	Sex difference in cardiovascular risk: role of pulse pressure amplification. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1771-7	15.1	109
62	Systolic blood pressure revisited. <i>Journal of the American College of Cardiology</i> , 1997 , 29, 1407-13	15.1	99
61	Interaction Between Hypertension and Arterial Stiffness. <i>Hypertension</i> , 2018 , 72, 796-805	8.5	93
60	Hypertension and vascular dynamics in men and women with metabolic syndrome. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 12-9	15.1	84
59	Blood pressure response under chronic antihypertensive drug therapy: the role of aortic stiffness in the REASON (Preterax in Regression of Arterial Stiffness in a Controlled Double-Blind) study. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 445-51	15.1	84
58	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, 265-72	1.9	77
57	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, 163-8	15.1	65
56	Arterial stiffness, pulse pressure, and the kidney. <i>American Journal of Hypertension</i> , 2015 , 28, 561-9	2.3	61
55	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, H1-7	5.2	55
54	Central blood pressure and hypertension: role in cardiovascular risk assessment. <i>Clinical Science</i> , 2009 , 116, 273-82	6.5	51
53	Hypertension, Diabetes Type II, and Their Association: Role of Arterial Stiffness. <i>American Journal of Hypertension</i> , 2016 , 29, 5-13	2.3	49
52	From epidemiological transition to modern cardiovascular epidemiology: hypertension in the 21st century. <i>Lancet, The</i> , 2016 , 388, 530-2	4.0	49
51	Aortic Aging in ESRD: Structural, Hemodynamic, and Mortality Implications. <i>Journal of the American Society of Nephrology: JASN</i> , 2016 , 27, 1837-46	12.7	49
50	Macrovascular and microvascular dysfunction in the metabolic syndrome. <i>Hypertension Research</i> , 2010 , 33, 293-7	4.7	49
49	Systolic hypertension in the elderly: arterial wall mechanical properties and the renin-angiotensin-aldosterone system. <i>Journal of Hypertension</i> , 2005 , 23, 673-81	1.9	47
48	Aortic stiffness and cardiovascular risk in type 2 diabetes. <i>Journal of Hypertension</i> , 2013 , 31, 1584-92	1.9	45
47	Characteristics of pulse wave velocity in elastic and muscular arteries: a mismatch beyond age. <i>Journal of Hypertension</i> , 2013 , 31, 554-9; discussion 559	1.9	42
46	Arterial stiffness and central hemodynamics in treated hypertensive subjects according to brachial blood pressure classification. <i>Journal of Hypertension</i> , 2008 , 26, 130-7	1.9	41

45	Intraaortic pulse pressure amplification in subjects at high coronary risk. <i>Hypertension</i> , 2010 , 55, 327-32	8.5	38
44	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, 782-6	9.4	38
43	Central hemodynamic modifications in diabetes mellitus. <i>Atherosclerosis</i> , 2013 , 230, 315-21	3.1	34
42	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, 1159-66	1.9	30
41	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	2.3	24
40	Arterial stiffness: a simplified overview in vascular medicine. <i>Advances in Cardiology</i> , 2007 , 44, 1-18		23
39	Aortic stiffness improves the prediction of both diagnosis and severity of coronary artery disease. <i>Hypertension Research</i> , 2018 , 41, 118-125	4.7	20
38	Tissue factor pathway inhibitor: a new link among arterial stiffness, pulse pressure, and coagulation in postmenopausal women. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1226-32	9.4	19
37	Hemodynamic parameters in hypertensive diabetic patients. <i>Journal of Hypertension</i> , 2016 , 34, 1123-31	1.9	17
36	The Diurnal Profile of Central Hemodynamics in a General Uruguayan Population. <i>American Journal of Hypertension</i> , 2016 , 29, 737-46	2.3	17
35	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, 1903-11	1.9	16
34	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, 1653-61	1.9	16
33	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, 801-8	2.3	16
32	Structure and Function of Systemic Arteries: Reflections on the Arterial Pulse. <i>American Journal of Hypertension</i> , 2018 , 31, 934-940	2.3	14
31	Antihypertensive therapy and de-stiffening of the arteries. <i>Expert Opinion on Pharmacotherapy</i> , 2010 , 11, 2625-34	4	13
30	Longitudinal Study of Hypertensive Subjects With Type 2 Diabetes Mellitus: Overall and Cardiovascular Risk. <i>Hypertension</i> , 2017 , 69, 1029-1035	8.5	12
29	Clinical relevance of aortic stiffness in end-stage renal disease and diabetes: implication for hypertension management. <i>Journal of Hypertension</i> , 2018 , 36, 1237-1246	1.9	12
28	Mechanism(s) of systolic blood pressure reduction and drug therapy in hypertension. <i>Hypertension</i> , 2007 , 50, 167-71	8.5	12

27	Arterial Stiffness in Hypertension and Function of Large Arteries. <i>American Journal of Hypertension</i> , 2020 , 33, 291-296	2.3	11
26	Arterial stiffness and peripheral arterial disease. <i>Advances in Cardiology</i> , 2007 , 44, 199-211		11
25	Arterial Stiffness Gradient, Systemic Reflection Coefficient, and Pulsatile Pressure Wave Transmission in Essential Hypertension. <i>Hypertension</i> , 2019 , 74, 1366-1372	8.5	10
24	Etiology of End-Stage Renal Disease and Arterial Stiffness among Hemodialysis Patients. <i>BioMed Research International</i> , 2017 , 2017, 2543262	3	9
23	Pulsatile hemodynamics and cardiovascular risk factors in very old patients: background, sex aspects and implications. <i>Journal of Hypertension</i> , 2013 , 31, 848-57	1.9	8
22	Development of an Experimental Model to Study the Relationship Between Day-to-Day Variability in Blood Pressure and Aortic Stiffness. <i>Frontiers in Physiology</i> , 2015 , 6, 368	4.6	7
21	Arterial Stiffness and Coronary Ischemia: New Aspects and Paradigms. <i>Current Hypertension Reports</i> , 2020 , 22, 5	4.7	7
20	Impact of country of birth on progression of steady and pulsatile hemodynamic parameters in normotensive and hypertensive subjects. <i>Journal of the American Society of Hypertension</i> , 2013 , 7, 440-7		6
19	Letter: Aldosterone Antagonism and Arterial Stiffness. <i>Hypertension</i> , 2004 , 43,	8.5	6
18	Atherosclerosis, arterial stiffness and antihypertensive drug therapy. <i>Advances in Cardiology</i> , 2007 , 44, 331-351		5
17	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	2.3	4
16	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	1.7	4
15	Relationship between BMI and aortic stiffness: influence of anthropometric indices in hypertensive men and women. <i>Journal of Hypertension</i> , 2020 , 38, 249-256	1.9	4
14	Association between different lipid parameters and aortic stiffness: clinical and therapeutic implication perspectives. <i>Journal of Hypertension</i> , 2019 , 37, 2240-2246	1.9	4
13	Hypertensive Cardiovascular Risk: Pulsatile Hemodynamics, Gender, and Therapeutic Implications. <i>American Journal of Hypertension</i> , 2017 , 30, 947-953	2.3	3
12	Determinants of pulse pressure amplification in hypertensive and diabetic patients. <i>Hypertension Research</i> , 2019 , 42, 374-384	4.7	3
11	Wave reflections in hypertension: role of sex, metabolic, and ethnic factors. <i>Journal of Hypertension</i> , 2019 , 37, 555-562	1.9	2
10	Concomitant Hypertension and Diabetes: Role of Aortic Stiffness and Glycemic Management. <i>American Journal of Hypertension</i> , 2018 , 31, 169-171	2.3	2

9	De-stiffening drug therapy and blood pressure control. <i>Integrated Blood Pressure Control</i> , 2010 , 3, 1-9	3.5	2
8	Large arteries and the kidney. <i>Journal of the American Society of Hypertension</i> , 2007 , 1, 169-77		2
7	Current assessment of pulse wave velocity: comprehensive review of validation studies. <i>Journal of Hypertension</i> , 2020 , 38, 178	1.9	2
6	Hypertension control and cardiovascular disease - Authors' Reply. <i>Lancet, The</i> , 2017 , 389, 154-155	4.0	1
5	A Short Insight on 2 Different Aspects of Arterial Stiffness. <i>American Journal of Hypertension</i> , 2017 , 30, e1-e2	2.3	1
4	Patient Management of Hypertensive Subjects without and with Diabetes Mellitus Type II. <i>Medical Clinics of North America</i> , 2017 , 101, 159-167	7	1
3	Pulse pressure and dual angiotensin blockade. <i>American Journal of Hypertension</i> , 2008 , 21, 133	2.3	
2	Pulse pressure: a help in medical semiology for metabolic syndrome. <i>American Journal of Hypertension</i> , 2007 , 20, 204-5	2.3	
1	Reply. <i>Journal of Hypertension</i> , 2019 , 37, 2499-2500	1.9	