Kaisa M Mki-Petj

List of Publications by Year in Descending Order

45 papers	2,717 citations	25 h-index	47 g-index
47 ext. papers	3,044 ext. citations	6.1 avg, IF	4.41 L-index

#	Paper	IF	Citations
45	Inflammation and arterial stiffness **2022**, 315-325		
44	Mechanisms Underlying Vascular Endothelial Growth Factor Receptor Inhibition-Induced Hypertension: The HYPAZ Trial. *Hypertension*, **2021**, 77, 1591-1599	8.5	4
43	Role of Vascular Adaptation in Determining Systolic Blood Pressure in Young Adults. *Journal of the American Heart Association*, **2020**, 9, e014375	6	1
42	Uses of Arterial Stiffness in Clinical Practice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1063-1067	9.4	13
41	Cardiovascular risk prediction using physical performance measures in COPD: results from a multicentre observational study. *BMJ Open*, **2020**, 10, e038360	3	3
40	Vascular consequences of inflammation: a position statement from the ESH Working Group on Vascular Structure and Function and the ARTERY Society. *Journal of Hypertension*, **2020**, 38, 1682-1698	1.9	39
39	Letter by Mäki-Petäjä et al Regarding Article "Elevated Muscle Sympathetic Nerve Activity Contributes to Central Artery Stiffness in Young and Middle-Age/Older Adults". *Hypertension*, **2019**, 74, e31-e32	8.5	1
38	Backward in Coming Forward. *American Journal of Hypertension*, **2019**, 32, 240-241	2.3	
37	Investigating the lowest threshold of vascular benefits from LDL cholesterol lowering with a PCSK9 mAb inhibitor (alirocumab) in healthy volunteers - a mechanistic physiological study (INTENSITY-LOW): protocol and study rationale. *Journal of Drug Assessment*, **2019**, 8, 167-174	1.5	1
36	Evaluation of inert gas rebreathing for determination of cardiac output: influence of age, gender and body size. *Hypertension Research*, **2019**, 42, 834-844	4.7	4
35	Surrogate Markers of Cardiovascular Risk and Chronic Obstructive Pulmonary Disease: A Large Case-Controlled Study. *Hypertension*, **2018**, 71, 499-506	8.5	24
34	About That Sex-Related Stiffening. *American Journal of Hypertension*, **2018**, 31, 770-771	2.3	
33	The p38 mitogen activated protein kinase inhibitor losmapimod in chronic obstructive pulmonary disease patients with systemic inflammation, stratified by fibrinogen: A randomised double-blind placebo-controlled trial. *PLoS ONE*, **2018**, 13, e0194197	3.7	19
32	Cardiovascular Phenotype of Elevated Blood Pressure Differs Markedly Between Young Males and Females: The Enigma Study. *Hypertension*, **2018**, 72, 1277-1284	8.5	19
31	Novel Mechanism for Buffering Dietary Salt in Humans: Effects of Salt Loading on Skin Sodium, Vascular Endothelial Growth Factor C, and Blood Pressure. *Hypertension*, **2017**, 70, 930-937	8.5	40
30	Tetrahydrobiopterin Supplementation Improves Endothelial Function But Does Not Alter Aortic Stiffness in Patients With Rheumatoid Arthritis. *Journal of the American Heart Association*, **2016**, 5,	6	16
29	Mechanisms underlying elevated SBP differ with adiposity in young adults: the Enigma study. *Journal of Hypertension*, **2016**, 34, 290-7	1.9	23

28	The Role of the Autonomic Nervous System in the Regulation of Aortic Stiffness. *Hypertension*, **2016**, 68, 1290-1297	8.5	29
27	Prevention of cardiovascular disease in rheumatoid arthritis. *Autoimmunity Reviews*, **2015**, 14, 952-69	13.6	57
26	The role of epoxyeicosatrienoic acids in the cardiovascular system. *British Journal of Clinical Pharmacology*, **2015**, 80, 28-44	3.8	48
25	Therapeutic potential of p38 MAP kinase inhibition in the management of cardiovascular disease. *American Journal of Cardiovascular Drugs*, **2014**, 14, 155-65	4	69
24	Arterial Stiffness in Chronic Inflammation **2014**, 435-444		1
23	Effects of oral lycopene supplementation on vascular function in patients with cardiovascular disease and healthy volunteers: a randomised controlled trial. *PLoS ONE*, **2014**, 9, e99070	3.7	78
22	A comprehensive study of clinical, biochemical, radiological, vascular, cardiac, and sleep parameters in an unselected cohort of patients with acromegaly undergoing presurgical somatostatin receptor ligand therapy. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 1040-50	5.6	99
21	Response to letter regarding article, "anti-tumor necrosis factor-therapy reduces aortic inflammation and stiffness in patients with rheumatoid arthritis". *Circulation*, **2013**, 128, e11	16.7	0
20	Habitual exercise and blood pressure: age dependency and underlying mechanisms. *American Journal of Hypertension*, **2013**, 26, 334-41	2.3	35
19	Inflammation and large arteries: Potential mechanisms for inflammation-induced arterial stiffness. *Artery Research*, **2012**, 6, 59	2.2	12
18	Anti-tumor necrosis factor-therapy reduces aortic inflammation and stiffness in patients with rheumatoid arthritis. *Circulation*, **2012**, 126, 2473-80	16.7	163
17	The impact of birth weight on blood pressure and arterial stiffness in later life: the Enigma Study. *Journal of Hypertension*, **2011**, 29, 2324-31	1.9	35
16	Inhibition of p38 mitogen-activated protein kinase improves nitric oxide-mediated vasodilatation and reduces inflammation in hypercholesterolemia. *Circulation*, **2011**, 123, 515-23	16.7	74
15	Simvastatin prevents inflammation-induced aortic stiffening and endothelial dysfunction. *British Journal of Clinical Pharmacology*, **2010**, 70, 799-806	3.8	28
14	The impact of cardiovascular risk factors on aortic stiffness and wave reflections depends on age: the Anglo-Cardiff Collaborative Trial (ACCT III). *Hypertension*, **2010**, 56, 591-7	8.5	93
13	Arterial stiffness and inflammation A potential target for a drug therapy. *Artery Research*, **2010**, 4, 99	2.2	4
12	Aortic calcification is associated with aortic stiffness and isolated systolic hypertension in healthy individuals. *Hypertension*, **2009**, 53, 524-31	8.5	159
11	The effects of urotensin II and urantide on forearm blood flow and systemic haemodynamics in humans. *British Journal of Clinical Pharmacology*, **2009**, 68, 518-23	3.8	8

10	Comparison of estimates of central systolic blood pressure and peripheral augmentation index obtained from the Omron HEM-9000AI and SphygmoCor systems. *Artery Research*, **2009**, 3, 24	2.2	34
9	Anti-inflammatory drugs and statins for arterial stiffness reduction. *Current Pharmaceutical Design*, **2009**, 15, 290-303	3.3	46
8	Inducible nitric oxide synthase activity is increased in patients with rheumatoid arthritis and contributes to endothelial dysfunction. *International Journal of Cardiology*, **2008**, 129, 399-405	3.2	40
7	Ezetimibe and simvastatin reduce inflammation, disease activity, and aortic stiffness and improve endothelial function in rheumatoid arthritis. *Journal of the American College of Cardiology*, **2007**, 50, 852-8	15.1	199
6	Isolated systolic hypertension is characterized by increased aortic stiffness and endothelial dysfunction. *Hypertension*, **2007**, 50, 228-33	8.5	181
5	Variation in the human matrix metalloproteinase-9 gene is associated with arterial stiffness in healthy individuals. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 1799-805	9.4	92
4	Rheumatoid arthritis is associated with increased aortic pulse-wave velocity, which is reduced by anti-tumor necrosis factor-alpha therapy. *Circulation*, **2006**, 114, 1185-92	16.7	341
3	Matrix metalloproteinase-9 (MMP-9), MMP-2, and serum elastase activity are associated with systolic hypertension and arterial stiffness. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 372	9.4	324
2	Aldehyde dehydrogenase 2 plays a role in the bioactivation of nitroglycerin in humans. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2005**, 25, 1891-5	9.4	74
1	Increased stroke volume and aortic stiffness contribute to isolated systolic hypertension in young adults. *Hypertension*, **2005**, 46, 221-6	8.5	187