

# Kaisa M Mki-Petj

## 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.

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	Rheumatoid arthritis is associated with increased aortic pulse-wave velocity, which is reduced by anti-tumor necrosis factor-alpha therapy. <i>Circulation</i> , <b>2006</b> , 114, 1185-92	16.7	341
44	Matrix metalloproteinase-9 (MMP-9), MMP-2, and serum elastase activity are associated with systolic hypertension and arterial stiffness. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 372	9.4	324
43	Ezetimibe and simvastatin reduce inflammation, disease activity, and aortic stiffness and improve endothelial function in rheumatoid arthritis. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 50, 852-8	15.1	199
42	Increased stroke volume and aortic stiffness contribute to isolated systolic hypertension in young adults. <i>Hypertension</i> , <b>2005</b> , 46, 221-6	8.5	187
41	Isolated systolic hypertension is characterized by increased aortic stiffness and endothelial dysfunction. <i>Hypertension</i> , <b>2007</b> , 50, 228-33	8.5	181
40	Anti-tumor necrosis factor- $\alpha$ therapy reduces aortic inflammation and stiffness in patients with rheumatoid arthritis. <i>Circulation</i> , <b>2012</b> , 126, 2473-80	16.7	163
39	Aortic calcification is associated with aortic stiffness and isolated systolic hypertension in healthy individuals. <i>Hypertension</i> , <b>2009</b> , 53, 524-31	8.5	159
38	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. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2013</b> , 98, 1040-50	5.6	99
37	The impact of cardiovascular risk factors on aortic stiffness and wave reflections depends on age: the Anglo-Cardiff Collaborative Trial (ACCT III). <i>Hypertension</i> , <b>2010</b> , 56, 591-7	8.5	93
36	Variation in the human matrix metalloproteinase-9 gene is associated with arterial stiffness in healthy individuals. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 1799-805	9.4	92
35	Effects of oral lycopene supplementation on vascular function in patients with cardiovascular disease and healthy volunteers: a randomised controlled trial. <i>PLoS ONE</i> , <b>2014</b> , 9, e99070	3.7	78
34	Inhibition of p38 mitogen-activated protein kinase improves nitric oxide-mediated vasodilatation and reduces inflammation in hypercholesterolemia. <i>Circulation</i> , <b>2011</b> , 123, 515-23	16.7	74
33	Aldehyde dehydrogenase 2 plays a role in the bioactivation of nitroglycerin in humans. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2005</b> , 25, 1891-5	9.4	74
32	Therapeutic potential of p38 MAP kinase inhibition in the management of cardiovascular disease. <i>American Journal of Cardiovascular Drugs</i> , <b>2014</b> , 14, 155-65	4	69
31	Prevention of cardiovascular disease in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , <b>2015</b> , 14, 952-69	13.6	57
30	The role of epoxyeicosatrienoic acids in the cardiovascular system. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 28-44	3.8	48
29	Anti-inflammatory drugs and statins for arterial stiffness reduction. <i>Current Pharmaceutical Design</i> , <b>2009</b> , 15, 290-303	3.3	46

28	Novel Mechanism for Buffering Dietary Salt in Humans: Effects of Salt Loading on Skin Sodium, Vascular Endothelial Growth Factor C, and Blood Pressure. <i>Hypertension</i> , <b>2017</b> , 70, 930-937	8.5	40
27	Inducible nitric oxide synthase activity is increased in patients with rheumatoid arthritis and contributes to endothelial dysfunction. <i>International Journal of Cardiology</i> , <b>2008</b> , 129, 399-405	3.2	40
26	Vascular consequences of inflammation: a position statement from the ESH Working Group on Vascular Structure and Function and the ARTERY Society. <i>Journal of Hypertension</i> , <b>2020</b> , 38, 1682-1698	1.9	39
25	Habitual exercise and blood pressure: age dependency and underlying mechanisms. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 334-41	2.3	35
24	The impact of birth weight on blood pressure and arterial stiffness in later life: the Enigma Study. <i>Journal of Hypertension</i> , <b>2011</b> , 29, 2324-31	1.9	35
23	Comparison of estimates of central systolic blood pressure and peripheral augmentation index obtained from the Omron HEM-9000AI and SphygmoCor systems. <i>Artery Research</i> , <b>2009</b> , 3, 24	2.2	34
22	The Role of the Autonomic Nervous System in the Regulation of Aortic Stiffness. <i>Hypertension</i> , <b>2016</b> , 68, 1290-1297	8.5	29
21	Simvastatin prevents inflammation-induced aortic stiffening and endothelial dysfunction. <i>British Journal of Clinical Pharmacology</i> , <b>2010</b> , 70, 799-806	3.8	28
20	Surrogate Markers of Cardiovascular Risk and Chronic Obstructive Pulmonary Disease: A Large Case-Controlled Study. <i>Hypertension</i> , <b>2018</b> , 71, 499-506	8.5	24
19	Mechanisms underlying elevated SBP differ with adiposity in young adults: the Enigma study. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 290-7	1.9	23
18	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. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194197	3.7	19
17	Cardiovascular Phenotype of Elevated Blood Pressure Differs Markedly Between Young Males and Females: The Enigma Study. <i>Hypertension</i> , <b>2018</b> , 72, 1277-1284	8.5	19
16	Tetrahydrobiopterin Supplementation Improves Endothelial Function But Does Not Alter Aortic Stiffness in Patients With Rheumatoid Arthritis. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	16
15	Uses of Arterial Stiffness in Clinical Practice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2020</b> , 40, 1063-1067	9.4	13
14	Inflammation and large arteries: Potential mechanisms for inflammation-induced arterial stiffness. <i>Artery Research</i> , <b>2012</b> , 6, 59	2.2	12
13	The effects of urotensin II and urantide on forearm blood flow and systemic haemodynamics in humans. <i>British Journal of Clinical Pharmacology</i> , <b>2009</b> , 68, 518-23	3.8	8
12	Arterial stiffness and inflammation A potential target for a drug therapy. <i>Artery Research</i> , <b>2010</b> , 4, 99	2.2	4
11	Mechanisms Underlying Vascular Endothelial Growth Factor Receptor Inhibition-Induced Hypertension: The HYPАЗ Trial. <i>Hypertension</i> , <b>2021</b> , 77, 1591-1599	8.5	4

10	Evaluation of inert gas rebreathing for determination of cardiac output: influence of age, gender and body size. <i>Hypertension Research</i> , <b>2019</b> , 42, 834-844	4.7	4
9	Cardiovascular risk prediction using physical performance measures in COPD: results from a multicentre observational study. <i>BMJ Open</i> , <b>2020</b> , 10, e038360	3	3
8	Letter by M M M Pet et al Regarding Article "Elevated Muscle Sympathetic Nerve Activity Contributes to Central Artery Stiffness in Young and Middle-Age/Older Adults". <i>Hypertension</i> , <b>2019</b> , 74, e31-e32	8.5	1
7	Role of Vascular Adaptation in Determining Systolic Blood Pressure in Young Adults. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e014375	6	1
6	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. <i>Journal of Drug Assessment</i> , <b>2019</b> , 8, 167-174	1.5	1
5	Arterial Stiffness in Chronic Inflammation <b>2014</b> , 435-444		1
4	Response to letter regarding article, Anti-tumor necrosis factor- $\alpha$ therapy reduces aortic inflammation and stiffness in patients with rheumatoid arthritis <i>Circulation</i> , <b>2013</b> , 128, e11	16.7	0
3	Backward in Coming Forward. <i>American Journal of Hypertension</i> , <b>2019</b> , 32, 240-241	2.3	
2	About That Sex-Related Stiffening. <i>American Journal of Hypertension</i> , <b>2018</b> , 31, 770-771	2.3	
1	Inflammation and arterial stiffness <b>2022</b> , 315-325		