

# Faisal Khan

## List of Publications by Citations

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**Version:** 2024-04-28

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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.

82  
papers

2,293  
citations

26  
h-index

45  
g-index

86  
ext. papers

2,670  
ext. citations

5.2  
avg, IF

4.58  
L-index

#	Paper	IF	Citations
82	Effect of Vitamin D Supplementation on Blood Pressure: A Systematic Review and Meta-analysis Incorporating Individual Patient Data. <i>JAMA Internal Medicine</i> , <b>2015</b> , 175, 745-54	11.5	219
81	Current concepts in assessment of microvascular endothelial function using laser Doppler imaging and iontophoresis. <i>Trends in Cardiovascular Medicine</i> , <b>2008</b> , 18, 109-16	6.9	117
80	Relationship between peripheral and coronary function using laser Doppler imaging and transthoracic echocardiography. <i>Clinical Science</i> , <b>2008</b> , 115, 295-300	6.5	105
79	The effects of dietary fatty acid supplementation on endothelial function and vascular tone in healthy subjects. <i>Cardiovascular Research</i> , <b>2003</b> , 59, 955-62	9.9	94
78	Changes in endothelial function precede the clinical disease in women in whom preeclampsia develops. <i>Hypertension</i> , <b>2005</b> , 46, 1123-8	8.5	85
77	Cardiovascular Effects of Switching From Tobacco Cigarettes to Electronic Cigarettes. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 3112-3120	15.1	83
76	Lowering of oxidative stress improves endothelial function in healthy subjects with habitually low intake of fruit and vegetables: a randomized controlled trial of antioxidant- and polyphenol-rich blackcurrant juice. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 72, 232-7	7.8	69
75	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , <b>2002</b> , 102, 547-552	6.5	67
74	Elevated Plasma Levels of MMP-12 Are Associated With Atherosclerotic Burden and Symptomatic Cardiovascular Disease in Subjects With Type 2 Diabetes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2015</b> , 35, 1723-31	9.4	66
73	The role of endothelial function and its assessment in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , <b>2010</b> , 6, 253-61	8.1	62
72	Cutaneous vascular responses to acetylcholine are mediated by a prostanoid-dependent mechanism in man. <i>Vascular Medicine</i> , <b>1997</b> , 2, 82-6	3.3	60
71	A randomized controlled trial of metformin on left ventricular hypertrophy in patients with coronary artery disease without diabetes: the MET-REMODEL trial. <i>European Heart Journal</i> , <b>2019</b> , 40, 3409-3417	9.5	56
70	Assessment of microvascular endothelial function in human skin. <i>Clinical Science</i> , <b>2001</b> , 101, 567-572	6.5	56
69	Effects of vitamin D supplementation on markers of vascular function after myocardial infarction--a randomised controlled trial. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 745-9	3.2	54
68	Lipid-lowering and skin vascular responses in patients with hypercholesterolaemia and peripheral arterial obstructive disease. <i>Vascular Medicine</i> , <b>1999</b> , 4, 233-8	3.3	54
67	Oral L-arginine supplementation and cutaneous vascular responses in patients with primary Raynaud's phenomenon. <i>Arthritis and Rheumatism</i> , <b>1997</b> , 40, 352-7		53
66	Impaired microvascular function in normal children: effects of adiposity and poor glucose handling. <i>Journal of Physiology</i> , <b>2003</b> , 551, 705-11	3.9	53

65	Effect of short-term vitamin D supplementation on markers of vascular health in South Asian women living in the UK--a randomised controlled trial. <i>Atherosclerosis</i> , <b>2013</b> , 230, 293-9	3.1	49
64	Dapagliflozin Versus Placebo on Left Ventricular Remodeling in Patients With Diabetes and Heart Failure: The REFORM Trial. <i>Diabetes Care</i> , <b>2020</b> , 43, 1356-1359	14.6	48
63	Effect of Vitamin D Supplementation on Markers of Vascular Function: A Systematic Review and Individual Participant Meta-Analysis. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	47
62	Etanercept improves inflammation-associated arterial stiffness in rheumatoid arthritis. <i>Rheumatology</i> , <b>2009</b> , 48, 1418-23	3.9	45
61	Allopurinol treatment reduces arterial wave reflection in stroke survivors. <i>Cardiovascular Therapeutics</i> , <b>2008</b> , 26, 247-52	3.3	40
60	ESVM guidelines - the diagnosis and management of Raynaud's phenomenon. <i>Vasa - European Journal of Vascular Medicine</i> , <b>2017</b> , 46, 413-423	1.9	40
59	Clinical improvement in rheumatoid arthritis is associated with healthier microvascular function in patients who respond to antirheumatic therapy. <i>Journal of Rheumatology</i> , <b>2010</b> , 37, 521-8	4.1	33
58	Low-grade inflammation and arterial wave reflection in patients with chronic fatigue syndrome. <i>Clinical Science</i> , <b>2008</b> , 114, 561-6	6.5	33
57	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , <b>2002</b> , 102, 547	6.5	29
56	Epicardial adipose tissue is related to arterial stiffness and inflammation in patients with cardiovascular disease and type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , <b>2018</b> , 18, 31	2.3	26
55	Influence of vehicle resistance on transdermal iontophoretic delivery of acetylcholine and sodium nitroprusside in humans. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 883-7	3.7	26
54	Large and small artery endothelial dysfunction in chronic fatigue syndrome. <i>International Journal of Cardiology</i> , <b>2012</b> , 154, 335-6	3.2	25
53	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , <b>2002</b> , 102, 547-52	6.5	24
52	Therapeutic development in cardiac syndrome X: a need to target the underlying pathophysiology. <i>Cardiovascular Therapeutics</i> , <b>2009</b> , 27, 49-58	3.3	22
51	Assessment of microvascular endothelial function in human skin. <i>Clinical Science</i> , <b>2001</b> , 101, 567	6.5	21
50	Metformin is the key factor in elevated plasma growth differentiation factor-15 levels in type 2 diabetes: A nested, case-control study. <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 412-416	6.7	21
49	Enhanced sensitivity of the peripheral cholinergic vascular response in patients with chronic fatigue syndrome. <i>American Journal of Medicine</i> , <b>2000</b> , 108, 736-9	2.4	19
48	Use of Vascular Assessments and Novel Biomarkers to Predict Cardiovascular Events in Type 2 Diabetes: The SUMMIT VIP Study. <i>Diabetes Care</i> , <b>2018</b> , 41, 2212-2219	14.6	18

47	The association between serum urate levels and arterial stiffness/endothelial function in stroke survivors. <i>Atherosclerosis</i> , <b>2008</b> , 200, 374-9	3.1	18
46	Chronic inhibition of nitric oxide production augments skin vasoconstriction in the rabbit ear. <i>Journal of Cardiovascular Pharmacology</i> , <b>1993</b> , 22, 280-6	3.1	18
45	Common carotid intima media thickness and ankle-brachial pressure index correlate with local but not global atheroma burden: a cross sectional study using whole body magnetic resonance angiography. <i>PLoS ONE</i> , <b>2014</b> , 9, e99190	3.7	17
44	Skin blood flow after transdermal S-nitrosothio-acetylglucose. <i>Lancet, The</i> , <b>1997</b> , 350, 410-1	4.0	17
43	Laser Doppler imaging in the investigation of lower limb wounds. <i>International Journal of Lower Extremity Wounds</i> , <b>2003</b> , 2, 74-86	1.6	17
42	Peripheral cholinergic function in humans with chronic fatigue syndrome, Gulf War syndrome and with illness following organophosphate exposure. <i>Clinical Science</i> , <b>2004</b> , 106, 183-9	6.5	17
41	Association between GDF-15 levels and changes in vascular and physical function in older patients with hypertension. <i>Aging Clinical and Experimental Research</i> , <b>2017</b> , 29, 1055-1059	4.8	16
40	Chemical synthesis and microvascular effects of new nitric oxide donors in humans. <i>Clinical Science</i> , <b>2003</b> , 105, 577-84	6.5	16
39	Vasomotor reflexes in the fingertip skin of patients with type 1 diabetes mellitus and leprosy. <i>Clinical Autonomic Research</i> , <b>1993</b> , 3, 189-93	4.3	16
38	Relationship between maternal arterial wave reflection, microvascular function and fetal growth in normal pregnancy. <i>Microcirculation</i> , <b>2010</b> , 17, 608-14	2.9	15
37	The beneficial effects of breastfeeding on microvascular function in 11- to 14-year-old children. <i>Vascular Medicine</i> , <b>2009</b> , 14, 137-42	3.3	14
36	An examination of some derivatives of S-nitroso-1-thiosugars as vasodilators. <i>Nitric Oxide - Biology and Chemistry</i> , <b>1997</b> , 1, 211-7	5	14
35	Inhibition of NFAT Signaling Restores Microvascular Endothelial Function in Diabetic Mice. <i>Diabetes</i> , <b>2020</b> , 69, 424-435	0.9	12
34	Development and Validation of a Path Length Calculation for Carotid-Femoral Pulse Wave Velocity Measurement: A TASCFORCE, SUMMIT, and Caerphilly Collaborative Venture. <i>Hypertension</i> , <b>2018</b> , 71, 937-945	8.5	12
33	Prolonged acetylcholine-induced vasodilatation in the peripheral microcirculation of patients with chronic fatigue syndrome. <i>Clinical Physiology and Functional Imaging</i> , <b>2003</b> , 23, 282-5	2.4	12
32	Effects of inaccuracies in arterial path length measurement on differences in MRI and tonometry measured pulse wave velocity. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 118	2.3	11
31	Impaired skin vasomotor reflexes in patients with erythromelalgia. <i>Clinical Science</i> , <b>1999</b> , 96, 507	6.5	10
30	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. <i>Journal of Clinical Investigation</i> , <b>2020</b> , 130, 4104-4117	15.9	10

29	Association between renin and atherosclerotic burden in subjects with and without type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , <b>2016</b> , 16, 171	2.3	9
28	Longitudinal assessment of endothelial function in the microvasculature of mice in-vivo. <i>Microvascular Research</i> , <b>2013</b> , 85, 86-92	3.7	9
27	An important role for A20-binding inhibitor of nuclear factor-kB-1 (ABIN1) in inflammation-mediated endothelial dysfunction: an in vivo study in ABIN1 (D485N) mice. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 22	5.7	8
26	Investigation of Ultrasound-Measured Flow Rate and Wall Shear Rate in Wrist Arteries Using Flow Phantoms. <i>Ultrasound in Medicine and Biology</i> , <b>2016</b> , 42, 815-23	3.5	8
25	Assessment of endothelial function as a marker of cardiovascular risk in patients with rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , <b>2010</b> , 13, 189-95	2.3	8
24	A Mendelian Randomization Study Provides Evidence That Adiposity and Dyslipidemia Lead to Lower Urinary Albumin-to-Creatinine Ratio, a Marker of Microvascular Function. <i>Diabetes</i> , <b>2020</b> , 69, 1072-1082	2.9	7
23	CD44 contributes to hyaluronan-mediated insulin resistance in skeletal muscle of high-fat-fed C57BL/6 mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2019</b> , 317, E973-E983	6	6
22	Application of cmOCT and continuous wavelet transform analysis to the assessment of skin microcirculation dynamics. <i>Journal of Biomedical Optics</i> , <b>2018</b> , 23, 1-13	3.5	6
21	6 Metformin regresses left ventricular hypertrophy in normotensive patients with coronary artery disease without type 2 diabetes mellitus <b>The met-remodel trial</b> <b>2018</b> ,		5
20	Potential mechanisms for the effects of far-infrared on the cardiovascular system - a review. <i>Vasa - European Journal of Vascular Medicine</i> , <b>2019</b> , 48, 303-312	1.9	5
19	The APEX trial: Effects of allopurinol on exercise capacity, coronary and peripheral endothelial function, and natriuretic peptides in patients with cardiac syndrome X. <i>Cardiovascular Therapeutics</i> , <b>2018</b> , 36, e12311	3.3	5
18	Investigation of Ultrasound-Measured Flow Velocity, Flow Rate and Wall Shear Rate in Radial and Ulnar Arteries Using Simulation. <i>Ultrasound in Medicine and Biology</i> , <b>2017</b> , 43, 981-992	3.5	4
17	Association between vitamin D status and markers of vascular health in patients with chronic fatigue syndrome/myalgic encephalomyelitis (CFS/ME). <i>International Journal of Cardiology</i> , <b>2014</b> , 174, 139-40	3.2	4
16	In-vivo correlations between skin metabolic oscillations and vasomotion in wild-type mice and in a model of oxidative stress. <i>Scientific Reports</i> , <b>2019</b> , 9, 186	4.9	4
15	Peripheral vascular responses to acetylcholine as a predictive tool for response to cholinesterase inhibitors in Alzheimer's disease. <i>BMC Neurology</i> , <b>2019</b> , 19, 88	3.1	3
14	Follow-up of atheroma burden with sequential whole body contrast enhanced MR angiography: a feasibility study. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32, 825-32	2.5	3
13	A Fast Method to Estimate the Wall Shear Stress Waveform in Arteries. <i>Ultrasound</i> , <b>2013</b> , 21, 23-28	1.3	3
12	Whole-body cardiovascular MRI for the comparison of atherosclerotic burden and cardiac remodelling in healthy South Asian and European adults. <i>British Journal of Radiology</i> , <b>2016</b> , 89, 20160342	3.4	2

11	Real-time RT-PCR threshold cycles value for Kir6.1 from the blood correlates with parameters of vascular function: a potential for the vascular function biomarker?. <i>Biomarkers</i> , <b>2013</b> , 18, 221-9	2.6	2
10	Impaired skin blood flow response to heat in children with insulin-dependent diabetes. <i>International Journal of Angiology</i> , <b>1996</b> , 5, 189-191	1.1	2
9	In-vivo assessment of microvascular functional dynamics by combination of cmOCT and wavelet transform <b>2018</b> ,		2
8	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , <b>2021</b> , 12, 6486	17.4	2
7	Reservoir-Excess Pressure Parameters Independently Predict Cardiovascular Events in Individuals With Type 2 Diabetes. <i>Hypertension</i> , <b>2021</b> , 78, 40-50	8.5	2
6	Real-time RT-PCR Ct values for blood GAPDH correlate with measures of vascular endothelial function in humans. <i>Clinical and Translational Science</i> , <b>2013</b> , 6, 481-4	4.9	1
5	Postimplantation syndrome in endovascular aortic aneurysm repair - a systematic review. <i>Vasa - European Journal of Vascular Medicine</i> , <b>2021</b> , 50, 174-185	1.9	1
4	Soluble CD40 receptor is a biomarker of the burden of carotid artery atherosclerosis in subjects at high cardiovascular risk.. <i>Atherosclerosis</i> , <b>2022</b> , 343, 1-9	3.1	0
3	Relationship Between Cardiovascular Disease Pathology and Fatal Opioid and Other Sedative Overdose: A Post-Mortem Investigation and Pilot Study. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 725034	5.6	0
2	Soluble CD40 Levels in Plasma Are Associated with Cardiovascular Disease and in Carotid Plaques with a Vulnerable Phenotype. <i>Journal of Stroke</i> , <b>2021</b> , 23, 367-376	5.6	0
1	Laser Doppler Imaging <b>2013</b> , 571		