

Faisal Khan

List of Publications by Year in Descending Order

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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	Soluble CD40 receptor is a biomarker of the burden of carotid artery atherosclerosis in subjects at high cardiovascular risk.. <i>Atherosclerosis</i> , 2022 , 343, 1-9	3.1	0
81	Relationship Between Cardiovascular Disease Pathology and Fatal Opioid and Other Sedative Overdose: A Post-Mortem Investigation and Pilot Study. <i>Frontiers in Pharmacology</i> , 2021 , 12, 725034	5.6	0
80	Elevated circulating follistatin associates with an increased risk of type 2 diabetes. <i>Nature Communications</i> , 2021 , 12, 6486	17.4	2
79	Postimplantation syndrome in endovascular aortic aneurysm repair - a systematic review. <i>Vasa - European Journal of Vascular Medicine</i> , 2021 , 50, 174-185	1.9	1
78	Reservoir-Excess Pressure Parameters Independently Predict Cardiovascular Events in Individuals With Type 2 Diabetes. <i>Hypertension</i> , 2021 , 78, 40-50	8.5	2
77	Soluble CD40 Levels in Plasma Are Associated with Cardiovascular Disease and in Carotid Plaques with a Vulnerable Phenotype. <i>Journal of Stroke</i> , 2021 , 23, 367-376	5.6	0
76	Inhibition of NFAT Signaling Restores Microvascular Endothelial Function in Diabetic Mice. <i>Diabetes</i> , 2020 , 69, 424-435	0.9	12
75	Dapagliflozin Versus Placebo on Left Ventricular Remodeling in Patients With Diabetes and Heart Failure: The REFORM Trial. <i>Diabetes Care</i> , 2020 , 43, 1356-1359	14.6	48
74	Elevated circulating amyloid concentrations in obesity and diabetes promote vascular dysfunction. <i>Journal of Clinical Investigation</i> , 2020 , 130, 4104-4117	15.9	10
73	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> , 2020 , 69, 1072-1082	0.9	7
72	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> , 2019 , 317, E973-E983	6	6
71	Peripheral vascular responses to acetylcholine as a predictive tool for response to cholinesterase inhibitors in Alzheimer's disease. <i>BMC Neurology</i> , 2019 , 19, 88	3.1	3
70	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> , 2019 , 40, 3409-3417	9.5	56
69	Cardiovascular Effects of Switching From Tobacco Cigarettes to Electronic Cigarettes. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 3112-3120	15.1	83
68	Potential mechanisms for the effects of far-infrared on the cardiovascular system - a review. <i>Vasa - European Journal of Vascular Medicine</i> , 2019 , 48, 303-312	1.9	5
67	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> , 2019 , 21, 412-416	6.7	21
66	In-vivo correlations between skin metabolic oscillations and vasomotion in wild-type mice and in a model of oxidative stress. <i>Scientific Reports</i> , 2019 , 9, 186	4.9	4

65	Epicardial adipose tissue is related to arterial stiffness and inflammation in patients with cardiovascular disease and type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , 2018 , 18, 31	2.3	26
64	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> , 2018 , 71, 937-945	8.5	12
63	6 Metformin regresses left ventricular hypertrophy in normotensive patients with coronary artery disease without type 2 diabetes mellitus [the met-remodel trial] 2018 ,		5
62	Use of Vascular Assessments and Novel Biomarkers to Predict Cardiovascular Events in Type 2 Diabetes: The SUMMIT VIP Study. <i>Diabetes Care</i> , 2018 , 41, 2212-2219	14.6	18
61	Application of cmOCT and continuous wavelet transform analysis to the assessment of skin microcirculation dynamics. <i>Journal of Biomedical Optics</i> , 2018 , 23, 1-13	3.5	6
60	In-vivo assessment of microvascular functional dynamics by combination of cmOCT and wavelet transform 2018 ,		2
59	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> , 2018 , 36, e12311	3.3	5
58	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> , 2018 , 7,	6	47
57	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> , 2017 , 43, 981-992	3.5	4
56	Effects of inaccuracies in arterial path length measurement on differences in MRI and tonometry measured pulse wave velocity. <i>BMC Cardiovascular Disorders</i> , 2017 , 17, 118	2.3	11
55	Association between GDF-15 levels and changes in vascular and physical function in older patients with hypertension. <i>Aging Clinical and Experimental Research</i> , 2017 , 29, 1055-1059	4.8	16
54	ESVM guidelines - the diagnosis and management of Raynaud's phenomenon. <i>Vasa - European Journal of Vascular Medicine</i> , 2017 , 46, 413-423	1.9	40
53	Association between renin and atherosclerotic burden in subjects with and without type 2 diabetes. <i>BMC Cardiovascular Disorders</i> , 2016 , 16, 171	2.3	9
52	Follow-up of atheroma burden with sequential whole body contrast enhanced MR angiography: a feasibility study. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32, 825-32	2.5	3
51	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> , 2016 , 89, 20160342	3.4	2
50	Investigation of Ultrasound-Measured Flow Rate and Wall Shear Rate in Wrist Arteries Using Flow Phantoms. <i>Ultrasound in Medicine and Biology</i> , 2016 , 42, 815-23	3.5	8
49	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> , 2015 , 17, 22	5.7	8
48	Effect of Vitamin D Supplementation on Blood Pressure: A Systematic Review and Meta-analysis Incorporating Individual Patient Data. <i>JAMA Internal Medicine</i> , 2015 , 175, 745-54	11.5	219

47	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> , 2015 , 35, 1723-31	9.4	66
46	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> , 2014 , 72, 232-7	7.8	69
45	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> , 2014 , 174, 139-40	3.2	4
44	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> , 2014 , 9, e99190	3.7	17
43	Real-time RT-PCR Ct values for blood GAPDH correlate with measures of vascular endothelial function in humans. <i>Clinical and Translational Science</i> , 2013 , 6, 481-4	4.9	1
42	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> , 2013 , 230, 293-9	3.1	49
41	Effects of vitamin D supplementation on markers of vascular function after myocardial infarction--a randomised controlled trial. <i>International Journal of Cardiology</i> , 2013 , 167, 745-9	3.2	54
40	Laser Doppler Imaging 2013 , 571		
39	Longitudinal assessment of endothelial function in the microvasculature of mice in-vivo. <i>Microvascular Research</i> , 2013 , 85, 86-92	3.7	9
38	A Fast Method to Estimate the Wall Shear Stress Waveform in Arteries. <i>Ultrasound</i> , 2013 , 21, 23-28	1.3	3
37	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> , 2013 , 18, 221-9	2.6	2
36	Large and small artery endothelial dysfunction in chronic fatigue syndrome. <i>International Journal of Cardiology</i> , 2012 , 154, 335-6	3.2	25
35	Relationship between maternal arterial wave reflection, microvascular function and fetal growth in normal pregnancy. <i>Microcirculation</i> , 2010 , 17, 608-14	2.9	15
34	Clinical improvement in rheumatoid arthritis is associated with healthier microvascular function in patients who respond to antirheumatic therapy. <i>Journal of Rheumatology</i> , 2010 , 37, 521-8	4.1	33
33	The role of endothelial function and its assessment in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2010 , 6, 253-61	8.1	62
32	Assessment of endothelial function as a marker of cardiovascular risk in patients with rheumatoid arthritis. <i>International Journal of Rheumatic Diseases</i> , 2010 , 13, 189-95	2.3	8
31	Etanercept improves inflammation-associated arterial stiffness in rheumatoid arthritis. <i>Rheumatology</i> , 2009 , 48, 1418-23	3.9	45
30	The beneficial effects of breastfeeding on microvascular function in 11- to 14-year-old children. <i>Vascular Medicine</i> , 2009 , 14, 137-42	3.3	14

29	Therapeutic development in cardiac syndrome X: a need to target the underlying pathophysiology. <i>Cardiovascular Therapeutics</i> , 2009 , 27, 49-58	3.3	22
28	Current concepts in assessment of microvascular endothelial function using laser Doppler imaging and iontophoresis. <i>Trends in Cardiovascular Medicine</i> , 2008 , 18, 109-16	6.9	117
27	The association between serum urate levels and arterial stiffness/endothelial function in stroke survivors. <i>Atherosclerosis</i> , 2008 , 200, 374-9	3.1	18
26	Allopurinol treatment reduces arterial wave reflection in stroke survivors. <i>Cardiovascular Therapeutics</i> , 2008 , 26, 247-52	3.3	40
25	Low-grade inflammation and arterial wave reflection in patients with chronic fatigue syndrome. <i>Clinical Science</i> , 2008 , 114, 561-6	6.5	33
24	Relationship between peripheral and coronary function using laser Doppler imaging and transthoracic echocardiography. <i>Clinical Science</i> , 2008 , 115, 295-300	6.5	105
23	Changes in endothelial function precede the clinical disease in women in whom preeclampsia develops. <i>Hypertension</i> , 2005 , 46, 1123-8	8.5	85
22	Influence of vehicle resistance on transdermal iontophoretic delivery of acetylcholine and sodium nitroprusside in humans. <i>Journal of Applied Physiology</i> , 2004 , 97, 883-7	3.7	26
21	Peripheral cholinergic function in humans with chronic fatigue syndrome, Gulf War syndrome and with illness following organophosphate exposure. <i>Clinical Science</i> , 2004 , 106, 183-9	6.5	17
20	The effects of dietary fatty acid supplementation on endothelial function and vascular tone in healthy subjects. <i>Cardiovascular Research</i> , 2003 , 59, 955-62	9.9	94
19	Laser Doppler imaging in the investigation of lower limb wounds. <i>International Journal of Lower Extremity Wounds</i> , 2003 , 2, 74-86	1.6	17
18	Chemical synthesis and microvascular effects of new nitric oxide donors in humans. <i>Clinical Science</i> , 2003 , 105, 577-84	6.5	16
17	Prolonged acetylcholine-induced vasodilatation in the peripheral microcirculation of patients with chronic fatigue syndrome. <i>Clinical Physiology and Functional Imaging</i> , 2003 , 23, 282-5	2.4	12
16	Impaired microvascular function in normal children: effects of adiposity and poor glucose handling. <i>Journal of Physiology</i> , 2003 , 551, 705-11	3.9	53
15	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , 2002 , 102, 547-552	6.5	67
14	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , 2002 , 102, 547	6.5	29
13	Circadian variation in vascular tone and endothelial cell function in normal males. <i>Clinical Science</i> , 2002 , 102, 547-52	6.5	24
12	Assessment of microvascular endothelial function in human skin. <i>Clinical Science</i> , 2001 , 101, 567-572	6.5	56

11	Assessment of microvascular endothelial function in human skin. <i>Clinical Science</i> , 2001 , 101, 567	6.5	21
10	Enhanced sensitivity of the peripheral cholinergic vascular response in patients with chronic fatigue syndrome. <i>American Journal of Medicine</i> , 2000 , 108, 736-9	2.4	19
9	Lipid-lowering and skin vascular responses in patients with hypercholesterolaemia and peripheral arterial obstructive disease. <i>Vascular Medicine</i> , 1999 , 4, 233-8	3.3	54
8	Impaired skin vasomotor reflexes in patients with erythromelalgia. <i>Clinical Science</i> , 1999 , 96, 507	6.5	10
7	An examination of some derivatives of S-nitroso-1-thiosugars as vasodilators. <i>Nitric Oxide - Biology and Chemistry</i> , 1997 , 1, 211-7	5	14
6	Skin blood flow after transdermal S-nitrosothio-acetylglucose. <i>Lancet, The</i> , 1997 , 350, 410-1	4.0	17
5	Cutaneous vascular responses to acetylcholine are mediated by a prostanoid-dependent mechanism in man. <i>Vascular Medicine</i> , 1997 , 2, 82-6	3.3	60
4	Oral L-arginine supplementation and cutaneous vascular responses in patients with primary Raynaud's phenomenon. <i>Arthritis and Rheumatism</i> , 1997 , 40, 352-7		53
3	Impaired skin blood flow response to heat in children with insulin-dependent diabetes. <i>International Journal of Angiology</i> , 1996 , 5, 189-191	1.1	2
2	Chronic inhibition of nitric oxide production augments skin vasoconstriction in the rabbit ear. <i>Journal of Cardiovascular Pharmacology</i> , 1993 , 22, 280-6	3.1	18
1	Vasomotor reflexes in the fingertip skin of patients with type 1 diabetes mellitus and leprosy. <i>Clinical Autonomic Research</i> , 1993 , 3, 189-93	4.3	16