

# Tom Crake

## List of Publications by Citations

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38  
papers

1,567  
citations

17  
h-index

39  
g-index

41  
ext. papers

1,737  
ext. citations

6.5  
avg, IF

3.67  
L-index

#	Paper	IF	Citations
38	Reduced coronary vasodilator function in infarcted and normal myocardium after myocardial infarction. <i>New England Journal of Medicine</i> , <b>1994</b> , 331, 222-7	59.2	314
37	Delayed recovery of coronary resistive vessel function after coronary angioplasty. <i>Journal of the American College of Cardiology</i> , <b>1993</b> , 21, 612-21	15.1	143
36	Absence of myocardial dysfunction during stress in patients with syndrome X. <i>Journal of the American College of Cardiology</i> , <b>1991</b> , 18, 1463-70	15.1	138
35	A randomized double-blind control study of early intra-coronary autologous bone marrow cell infusion in acute myocardial infarction: the REGENERATE-AMI clinical trial <i>European Heart Journal</i> , <b>2016</b> , 37, 256-63	9.5	69
34	Coronary stenosis dilatation induced by L-arginine. <i>Lancet, The</i> , <b>1997</b> , 349, 1812-3	4.0	65
33	Basal and flow-mediated nitric oxide production by atheromatous coronary arteries. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 29, 1256-62	15.1	54
32	Long-term survival in patients undergoing percutaneous interventions with or without intracoronary pressure wire guidance or intracoronary ultrasonographic imaging: a large cohort study. <i>JAMA Internal Medicine</i> , <b>2014</b> , 174, 1360-6	11.5	32
31	Left ventricular hypercontractility and ST segment depression in patients with syndrome X. <i>Journal of the American College of Cardiology</i> , <b>1993</b> , 22, 1607-13	15.1	32
30	Pericardial Disease in Cancer Patients. <i>Current Treatment Options in Cardiovascular Medicine</i> , <b>2018</b> , 20, 60	2.1	31
29	Culprit vessel versus multivessel intervention at the time of primary percutaneous coronary intervention in patients with ST-segment-elevation myocardial infarction and multivessel disease: real-world analysis of 3984 patients in London. <i>Circulation: Cardiovascular Quality and Outcomes</i> , <b>2014</b> , 7, 936-43	5.8	30
28	Variability of coronary blood flow reserve assessed by Doppler catheter after successful thrombolysis in patients with acute myocardial infarction. <i>American Heart Journal</i> , <b>1993</b> , 125, 1547-52	4.9	30
27	Inhibition of nitric oxide synthesis during the cold pressor test in patients with coronary artery disease. <i>American Journal of Cardiology</i> , <b>1997</b> , 79, 1676-9	3	27
26	Radial versus femoral access is associated with reduced complications and mortality in patients with non-ST-segment-elevation myocardial infarction: an observational cohort study of 10,095 patients. <i>Circulation: Cardiovascular Interventions</i> , <b>2014</b> , 7, 456-64	6	25
25	Effects of changing the availability of the substrate for nitric oxide synthase by L-arginine administration on coronary vasomotor tone in angina patients with angiographically narrowed and in patients with normal coronary arteries. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 1110-3, A6	3	24
24	Vulnerable plaque detection: an unrealistic quest or a feasible objective with a clinical value?. <i>Heart</i> , <b>2016</b> , 102, 581-9	5.1	23
23	Outcome of 1051 Octogenarian Patients With ST-Segment Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention: Observational Cohort From the London Heart Attack Group. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	19
22	Manual Thrombus Aspiration Is Not Associated With Reduced Mortality in Patients Treated With Primary Percutaneous Coronary Intervention: An Observational Study of 10,929 Patients With ST-Segment Elevation Myocardial Infarction From the London Heart Attack Group. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 575-84	5	16

21	Strut protrusion and shape impact on endothelial shear stress: insights from pre-clinical study comparing Mirage and Absorb bioresorbable scaffolds. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 1313-1322	2.5	15
20	Enhanced vasomotor responses of complex coronary stenoses to acetylcholine in stable angina pectoris. <i>American Journal of Cardiology</i> , <b>1995</b> , 75, 725-8	3	15
19	Difference in haemodynamic microenvironment in vessels scaffolded with Absorb BVS and Mirage BRMS: insights from a preclinical endothelial shear stress study. <i>EuroIntervention</i> , <b>2017</b> , 13, 1327-1335	3.1	13
18	Preclinical assessment of the endothelial shear stress in porcine-based models following implantation of two different bioresorbable scaffolds: effect of scaffold design on the local haemodynamic micro-environment. <i>EuroIntervention</i> , <b>2016</b> , 12, 1296	3.1	12
17	Assessment of the hemodynamic characteristics of Absorb BVS in a porcine coronary artery model. <i>International Journal of Cardiology</i> , <b>2017</b> , 227, 467-473	3.2	11
16	Invasive or non-invasive imaging for detecting high-risk coronary lesions?. <i>Expert Review of Cardiovascular Therapy</i> , <b>2017</b> , 15, 165-179	2.5	9
15	Neointima and neoatherosclerotic characteristics in bare metal and first- and second-generation drug-eluting stents in patients admitted with cardiovascular events attributed to stent failure: an optical coherence tomography study. <i>EuroIntervention</i> , <b>2018</b> , 13, e1831-e1840	3.1	9
14	Optical coherence tomography enables more accurate detection of functionally significant intermediate non-left main coronary artery stenoses than intravascular ultrasound: A meta-analysis of 6919 patients and 7537 lesions. <i>International Journal of Cardiology</i> , <b>2020</b> , 301, 226-234	3.2	9
13	Implications of the local hemodynamic forces on the formation and destabilization of neoatherosclerotic lesions. <i>International Journal of Cardiology</i> , <b>2018</b> , 272, 7-12	3.2	8
12	The Effect of Strut Protrusion on Shear Stress Distribution: Hemodynamic Insights From a Prospective Clinical Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 1803-1805	5	7
11	Acetylcholine and Endothelial Function. <i>Circulation</i> , <b>1998</b> , 98,	16.7	7
10	Inhibition of nitric oxide synthesis in human epicardial coronary arteries and stenoses in relation to serum lipid level. <i>Atherosclerosis</i> , <b>1999</b> , 147, 285-91	3.1	5
9	Basal nitric oxide production by diseased coronary arteries. <i>Journal of the American College of Cardiology</i> , <b>1996</b> , 28, 1639-40	15.1	4
8	Hemodynamic analysis of a novel bioresorbable scaffold in porcine coronary artery model. <i>Catheterization and Cardiovascular Interventions</i> , <b>2018</b> , 91, 1084-1091	2.7	3
7	Efficacy and Reproducibility of Attenuation-Compensated Optical Coherence Tomography for Assessing External Elastic Membrane Border and Plaque Composition in Native and Stented Segments - An In Vivo and Histology-Based Study. <i>Circulation Journal</i> , <b>2019</b> , 84, 91-100	2.9	3
6	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. <i>International Journal of Cardiovascular Imaging</i> , <b>2021</b> , 37, 1825-1837	2.5	3
5	Local Hemodynamics: An Innocent Bystander or a Critical Factor Regulating Neoatherosclerotic Evolution?. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, e149-e150	5	2
4	Platelet and Thrombin Activity Following Cardiac Catheterization Despite Treatment with Aspirin. <i>Journal of Thrombosis and Thrombolysis</i> , <b>1998</b> , 6, 141-145	5.1	2

3	Vasomotor responses of coronary stenoses to acetylcholine and their relation to serum lipid levels in stable angina pectoris. <i>American Journal of Cardiology</i> , <b>1999</b> , 83, 1606-10	3	2
2	Five-year follow-up of intracoronary autologous cell therapy in acute myocardial infarction: the REGENERATE-AMI trial.. <i>ESC Heart Failure</i> , <b>2022</b> ,	3.7	2
1	Time-trend analyses of bleeding and mortality after primary percutaneous coronary intervention during out of working hours versus in-working hours: an observational study of 11 466 patients. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8, e002206	6	1