Tom Crake

List of Publications by Year in Descending Order

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	Five-year follow-up of intracoronary autologous cell therapy in acute myocardial infarction: the REGENERATE-AMI trial.. *ESC Heart Failure*, **2022**,	3.7	2
37	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. *International Journal of Cardiovascular Imaging*, **2021**, 37, 1825-1837	2.5	3
36	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. *International Journal of Cardiology*, **2020**, 301, 226-234	3.2	9
35	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. *Circulation Journal*, **2019**, 84, 91-100	2.9	3
34	Hemodynamic analysis of a novel bioresorbable scaffold in porcine coronary artery model. *Catheterization and Cardiovascular Interventions*, **2018**, 91, 1084-1091	2.7	3
33	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. *EuroIntervention*, **2018**, 13, e1831-e1840	3.1	9
32	Pericardial Disease in Cancer Patients. *Current Treatment Options in Cardiovascular Medicine*, **2018**, 20, 60	2.1	31
31	Implications of the local hemodynamic forces on the formation and destabilization of neoatherosclerotic lesions. *International Journal of Cardiology*, **2018**, 272, 7-12	3.2	8
30	Invasive or non-invasive imaging for detecting high-risk coronary lesions?. *Expert Review of Cardiovascular Therapy*, **2017**, 15, 165-179	2.5	9
29	Strut protrusion and shape impact on endothelial shear stress: insights from pre-clinical study comparing Mirage and Absorb bioresorbable scaffolds. *International Journal of Cardiovascular Imaging*, **2017**, 33, 1313-1322	2.5	15
28	The Effect of Strut Protrusion on Shear Stress Distribution: Hemodynamic Insights From a Prospective Clinical Trial. *JACC: Cardiovascular Interventions*, **2017**, 10, 1803-1805	5	7
27	Assessment of the hemodynamic characteristics of Absorb BVS in a porcine coronary artery model. *International Journal of Cardiology*, **2017**, 227, 467-473	3.2	11
26	Difference in haemodynamic microenvironment in vessels scaffolded with Absorb BVS and Mirage BRMS: insights from a preclinical endothelial shear stress study. *EuroIntervention*, **2017**, 13, 1327-1335	3.1	13
25	A randomized double-blind control study of early intra-coronary autologous bone marrow cell infusion in acute myocardial infarction: the REGENERATE-AMI clinical trial *European Heart Journal*, **2016**, 37, 256-63	9.5	69
24	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. *Journal of the American Heart Association*, **2016**, 5,	6	19
23	Vulnerable plaque detection: an unrealistic quest or a feasible objective with a clinical value?. *Heart* , **2016**, 102, 581-9	5.1	23
22	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. *EuroIntervention*, **2016**, 12, 1296	3.1	12

21	Local Hemodynamics: An Innocent Bystander or a Critical Factor Regulating Neoatherosclerotic Evolution?. *JACC: Cardiovascular Interventions*, **2015**, 8, e149-e150	5	2
20	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. *JACC: Cardiovascular Interventions*, **2015**, 8, 575-84	5	16
19	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. *Circulation: Cardiovascular Interventions*, **2015**, 8, e002206	6	1
18	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. *Circulation: Cardiovascular Quality and Outcomes*, **2014**, 7, 936-42	5.8	30
17	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. *Circulation: Cardiovascular Interventions*, **2014**, 7, 456-64	6	25
16	Long-term survival in patients undergoing percutaneous interventions with or without intracoronary pressure wire guidance or intracoronary ultrasonographic imaging: a large cohort study. *JAMA Internal Medicine*, **2014**, 174, 1360-6	11.5	32
15	Vasomotor responses of coronary stenoses to acetylcholine and their relation to serum lipid levels in stable angina pectoris. *American Journal of Cardiology*, **1999**, 83, 1606-10	3	2
14	Inhibition of nitric oxide synthesis in human epicardial coronary arteries and stenoses in relation to serum lipid level. *Atherosclerosis*, **1999**, 147, 285-91	3.1	5
13	Platelet and Thrombin Activity Following Cardiac Catheterization Despite Treatment with Aspirin. *Journal of Thrombosis and Thrombolysis*, **1998**, 6, 141-145	5.1	2
12	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. *American Journal of Cardiology*, **1998**, 82, 1110-3, A6	3	24
11	Acetylcholine and Endothelial Function. *Circulation*, **1998**, 98,	16.7	7
10	Coronary stenosis dilatation induced by L-arginine. *Lancet, The*, **1997**, 349, 1812-3	40	65
9	Basal and flow-mediated nitric oxide production by atheromatous coronary arteries. *Journal of the American College of Cardiology*, **1997**, 29, 1256-62	15.1	54
8	Inhibition of nitric oxide synthesis during the cold pressor test in patients with coronary artery disease. *American Journal of Cardiology*, **1997**, 79, 1676-9	3	27
7	Basal nitric oxide production by diseased coronary arteries. *Journal of the American College of Cardiology*, **1996**, 28, 1639-40	15.1	4
6	Enhanced vasomotor responses of complex coronary stenoses to acetylcholine in stable angina pectoris. *American Journal of Cardiology*, **1995**, 75, 725-8	3	15
5	Reduced coronary vasodilator function in infarcted and normal myocardium after myocardial infarction. *New England Journal of Medicine*, **1994**, 331, 222-7	59.2	314
4	Variability of coronary blood flow reserve assessed by Doppler catheter after successful thrombolysis in patients with acute myocardial infarction. *American Heart Journal*, **1993**, 125, 1547-52	4.9	30

3	Delayed recovery of coronary resistive vessel function after coronary angioplasty. *Journal of the American College of Cardiology*, **1993**, 21, 612-21	15.1	143
2	Left ventricular hypercontractility and ST segment depression in patients with syndrome X. *Journal of the American College of Cardiology*, **1993**, 22, 1607-13	15.1	32
1	Absence of myocardial dysfunction during stress in patients with syndrome X. *Journal of the American College of Cardiology*, **1991**, 18, 1463-70	15.1	138