Sara Gaur

List of Publications by Year in Descending Order

19 papers	1,707 citations	14 h-index	21 g-index
21 ext. papers	2,219 ext. citations	7.7 avg, IF	3.76 L-index

#	Paper	IF	Citations
19	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. *Heart*, **2021**,	5.1	3
18	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. *Radiology*, **2019**, 292, 343-351	20.5	41
17	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. *JACC: Cardiovascular Imaging*, **2018**, 11, 521-530	8.4	55
16	Integrated prediction of lesion-specific ischaemia from quantitative coronary CT angiography using machine learning: a multicentre study. *European Radiology*, **2018**, 28, 2655-2664	8	85
15	CT-based total vessel plaque analyses improves prediction of hemodynamic significance lesions as assessed by fractional flow reserve in patients with stable angina pectoris. *Journal of Cardiovascular Computed Tomography*, **2018**, 12, 344-349	2.8	13
14	Clinical Use of Coronary CTA-Derived FFR for Decision-Making in Stable CAD. *JACC: Cardiovascular Imaging*, **2017**, 10, 541-550	8.4	85
13	Fractional flow reserve derived from coronary computed tomography angiography: diagnostic performance in hypertensive and diabetic patients. *European Heart Journal Cardiovascular Imaging*, **2017**, 18, 1351-1360	4.1	10
12	Myocardial Perfusion Imaging Versus Computed Tomography Angiography-Derived Fractional Flow Reserve Testing in Stable Patients With Intermediate-Range Coronary Lesions: Influence on Downstream Diagnostic Workflows and Invasive Angiography Findings. *Journal of the American Heart Association*, **2017**, 6,	6	18
11	High burden of coronary atherosclerosis in patients with a new diagnosis of type 2 diabetes. *Diabetes and Vascular Disease Research*, **2017**, 14, 468-476	3.3	6
10	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. *Journal of Cardiovascular Computed Tomography*, **2017**, 11, 429-436	2.8	41
9	FFR Derived From Coronary CT Angiography in Nonculprit Lesions of Patients With Recent STEMI. *JACC: Cardiovascular Imaging*, **2017**, 10, 424-433	8.4	44
8	Diagnostic Performance of Transluminal Attenuation Gradient and Noninvasive Fractional Flow Reserve Derived from 320-Detector Row CT Angiography to Diagnose Hemodynamically Significant Coronary Stenosis: An NXT Substudy. *Radiology*, **2016**, 279, 75-83	20.5	43
7	Comparison Between Non-invasive (Coronary Computed Tomography Angiography Derived) and Invasive-Fractional Flow Reserve in Patients with Serial Stenoses Within One Coronary Artery: A NXT Trial substudy. *Annals of Biomedical Engineering*, **2016**, 44, 580-9	4.7	17
6	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. *European Heart Journal*, **2016**, 37, 1220-7	9.5	184
5	Influence of Coronary Calcification on the Diagnostic Performance of CT Angiography Derived FFR in Coronary Artery Disease: A Substudy of the NXT Trial. *JACC: Cardiovascular Imaging*, **2015**, 8, 1045-1055	8.4	102
4	Diagnostic performance of noninvasive fractional flow reserve derived from coronary computed tomography angiography in suspected coronary artery disease: the NXT trial (Analysis of Coronary Blood Flow Using CT Angiography: Next Steps). *Journal of the American College of Cardiology*, **2014**, 63, 1145-1155	15.1	871
3	Fractional flow reserve derived from coronary CT angiography: variation of repeated analyses. *Journal of Cardiovascular Computed Tomography*, **2014**, 8, 307-14	2.8	39

2	Rationale and design of the HeartFlowNXT (HeartFlow analysis of coronary blood flow using CT angiography: NeXt sTeps) study. *Journal of Cardiovascular Computed Tomography*, **2013**, 7, 279-88	2.8	47
1	Entrapment of the left anterior descending coronary artery by localized calcific pericarditis: from dynamic to fixed coronary stenosis. *Circulation*, **2013**, 128, e30-1	16.7	2