

Sara Gaur

List of Publications by Citations

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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.

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	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). <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1145-1155	15.1	871
18	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. <i>European Heart Journal</i> , 2016 , 37, 1220-7	9.5	184
17	Influence of Coronary Calcification on the Diagnostic Performance of CT Angiography Derived FFR in Coronary Artery Disease: A Substudy of the NXT Trial. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1045-1055	8.4	102
16	Clinical Use of Coronary CTA-Derived FFR for Decision-Making in Stable CAD. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 541-550	8.4	85
15	Integrated prediction of lesion-specific ischaemia from quantitative coronary CT angiography using machine learning: a multicentre study. <i>European Radiology</i> , 2018 , 28, 2655-2664	8	85
14	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 521-530	8.4	55
13	Rationale and design of the HeartFlowNXT (HeartFlow analysis of coronary blood flow using CT angiography: NeXt sTeps) study. <i>Journal of Cardiovascular Computed Tomography</i> , 2013 , 7, 279-88	2.8	47
12	FFR Derived From Coronary CT Angiography in Nonculprit Lesions of Patients With Recent STEMI. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 424-433	8.4	44
11	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. <i>Radiology</i> , 2016 , 279, 75-83	20.5	43
10	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , 2019 , 292, 343-351	20.5	41
9	Effect of the ratio of coronary arterial lumen volume to left ventricle myocardial mass derived from coronary CT angiography on fractional flow reserve. <i>Journal of Cardiovascular Computed Tomography</i> , 2017 , 11, 429-436	2.8	41
8	Fractional flow reserve derived from coronary CT angiography: variation of repeated analyses. <i>Journal of Cardiovascular Computed Tomography</i> , 2014 , 8, 307-14	2.8	39
7	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. <i>Journal of the American Heart Association</i> , 2017 , 6, e010001	6	18
6	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. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 580-9	4.7	17
5	CT-based total vessel plaque analyses improves prediction of hemodynamic significance lesions as assessed by fractional flow reserve in patients with stable angina pectoris. <i>Journal of Cardiovascular Computed Tomography</i> , 2018 , 12, 344-349	2.8	13
4	Fractional flow reserve derived from coronary computed tomography angiography: diagnostic performance in hypertensive and diabetic patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2017 , 18, 1351-1360	4.1	10
3	High burden of coronary atherosclerosis in patients with a new diagnosis of type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2017 , 14, 468-476	3.3	6

2	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. <i>Heart</i> , 2021 ,	5.1	3
1	Entrapment of the left anterior descending coronary artery by localized calcific pericarditis: from dynamic to fixed coronary stenosis. <i>Circulation</i> , 2013 , 128, e30-1	16.7	2