

Sara Gaur

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,556
citations

516215

16
h-index

752256

20
g-index

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21
docs citations

21
times ranked

2393
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnostic Performance of Noninvasive Fractional Flow Reserve Derived From Coronary Computed Tomography Angiography in Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1145-1155.	1.2	1,240
2	Coronary plaque quantification and fractional flow reserve by coronary computed tomography angiography identify ischaemia-causing lesions. <i>European Heart Journal</i> , 2016, 37, 1220-1227.	1.0	257
3	Influence of Coronary Calcification on the Diagnostic Performance of CT Angiography Derived FFR in Coronary Artery Disease. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1045-1055.	2.3	145
4	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.	2.3	135
5	Clinical Use of Coronary CTA-Derived FFR for Decision-Making in Stable CAD. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 541-550.	2.3	126
6	Lesion-Specific and Vessel-Related Determinants of Fractional Flow Reserve Beyond Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 521-530.	2.3	95
7	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. <i>Radiology</i> , 2019, 292, 343-351.	3.6	89
8	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.	0.7	65
9	Rationale and design of the HeartFlowNXT (HeartFlow analysis of coronary blood flow using CT) Tj ETQq1 1 0.784314 rgBT /Overlock 0.7 64	0.7	64
10	FFR Derived From Coronary CT Angiography in Nonculprit Lesions of Patients With Recent STEMI. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 424-433.	2.3	64
11	Association of Age With the Diagnostic Value of Coronary Artery Calcium Score for Ruling Out Coronary Stenosis in Symptomatic Patients. <i>JAMA Cardiology</i> , 2022, 7, 36.	3.0	55
12	Diagnostic Performance of Transluminal Attenuation Gradient and Noninvasive Fractional Flow Reserve Derived from 320-Row CT Angiography to Diagnose Hemodynamically Significant Coronary Stenosis: An NXT Substudy. <i>Radiology</i> , 2016, 279, 75-83.	3.6	48
13	Fractional flow reserve derived from coronary CT angiography: Variation of repeated analyses. <i>Journal of Cardiovascular Computed Tomography</i> , 2014, 8, 307-314.	0.7	45
14	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. <i>Heart</i> , 2022, 108, 194-202.	1.2	45
15	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, .	1.6	23
16	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, 580-589.	1.3	19
17	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.	0.5	15
18	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.	0.7	14

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19	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.	0.9	10
20	Entrapment of the Left Anterior Descending Coronary Artery by Localized Calcific Pericarditis. <i>Circulation</i> , 2013, 128, e30-1.	1.6	2