

Anantharaman Ramasamy MBChB

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7805562/publications.pdf>

Version: 2024-02-01

26
papers

276
citations

1040056

9
h-index

940533

16
g-index

26
all docs

26
docs citations

26
times ranked

486
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-analysis of the impact of intervention versus symptom-driven management in asymptomatic severe aortic stenosis. <i>Heart</i> , 2017, 103, 268-272.	2.9	35
2	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 756-762.	3.4	35
3	Shear Stress Estimated by Quantitative Coronary Angiography Predicts Plaques Prone to Progress and Cause Events. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 2206-2219.	5.3	27
4	Wall shear stress estimated by 3D-QCA can predict cardiovascular events in lesions with borderline negative fractional flow reserve. <i>Atherosclerosis</i> , 2021, 322, 24-30.	0.8	21
5	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> , 2020, 301, 226-234.	1.7	19
6	Implications of the local haemodynamic forces on the phenotype of coronary plaques. <i>Heart</i> , 2019, 105, 1078-1086.	2.9	14
7	Iatrogenic catheter-induced ostial coronary artery dissections: Prevalence, management, and mortality from a cohort of 55,968 patients over 10 years. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 98, 649-655.	1.7	14
8	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. <i>International Journal of Cardiology</i> , 2021, 339, 185-191.	1.7	14
9	Computerised Methodologies for Non-Invasive Angiography-Derived Fractional Flow Reserve Assessment: A Critical Review. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-10.	1.2	13
10	Angiographic derived endothelial shear stress: a new predictor of atherosclerotic disease progression. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 314-322.	1.2	11
11	The Evolution of Data Fusion Methodologies Developed to Reconstruct Coronary Artery Geometry From Intravascular Imaging and Coronary Angiography Data: A Comprehensive Review. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 33.	2.4	11
12	A deep learning methodology for the automated detection of end-diastolic frames in intravascular ultrasound images. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1825-1837.	1.5	11
13	Evaluation of the Efficacy of Computed Tomographic Coronary Angiography in Assessing Coronary Artery Morphology and Physiology: Rationale and Study Design. <i>Cardiology</i> , 2020, 145, 285-293.	1.4	9
14	Diagnostic accuracy of quantitative flow ratio (QFR) and vessel fractional flow reserve (vFFR) estimated retrospectively by conventional radiation saving X-ray angiography. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1491-1501.	1.5	9
15	Reliable in vivo intravascular imaging plaque characterization: A challenge unmet. <i>American Heart Journal</i> , 2019, 218, 20-31.	2.7	7
16	Predictive value of the QFR in detecting vulnerable plaques in non-flow limiting lesions: a combined analysis of the PROSPECT and IBIS-4 study. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 993-1002.	1.5	6
17	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> , 2019, 84, 91-100.	1.6	5
18	Multi-modality intravascular imaging for guiding coronary intervention and assessing coronary atheroma: the Novasight Hybrid IVUS-OCT system. <i>Minerva Cardiology and Angiology</i> , 2021, 69, 655-670.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Computerized technologies informing cardiac catheterization and guiding coronary intervention. American Heart Journal, 2021, 240, 28-45.	2.7	4
20	End-diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. Catheterization and Cardiovascular Interventions, 2022, 99, 706-713.	1.7	3
21	Intravascular ultrasound-guided management of ST-elevation myocardial infarction in a patient with lung cancer and myocardial metastasis. European Heart Journal, 2020, 41, 3201-3201.	2.2	2
22	Uncovered non-apposed side-branch struts in a bifurcation lesion: a nidus for late stent thrombosis. Hellenic Journal of Cardiology, 2021, 63, 96-96.	1.0	1
23	11 Evaluation of tube potential effects on atherosclerotic plaque assessment: in vivo assessment with intravascular ultrasound. , 2019, , .		0
24	Incidental identification of stent migration in the ascending aorta: a cautionary tale. Hellenic Journal of Cardiology, 2019, 60, 137-138.	1.0	0
25	Successful Surgical Treatment of a Rare Case of Acute Isolated Right Ventricle Wall Rupture Caused by Distal Circumflex Coronary Artery Occlusion. Brazilian Journal of Cardiovascular Surgery, 2021, , .	0.6	0
26	Treatment of massive right heart thrombi-in-transit and pulmonary embolism with low-dose ultra-slow tissue plasminogen activator in a patient with severe thrombocytopenia and cardiogenic shock. British Journal of Hospital Medicine (London, England: 2005), 2021, 82, 1-4.	0.5	0