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List of Publications by Year
in descending order

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26 papers	276 citations	1039406 9 h-index	940134 16 g-index
26 all docs	26 docs citations	26 times ranked	486 citing authors

#	Article	IF	Citations
1	Endâ€diastolic segmentation of intravascular ultrasound images enables more reproducible volumetric analysis of atheroma burden. Catheterization and Cardiovascular Interventions, 2022, 99, 706-713.	0.7	3
2	Diagnostic accuracy of quantitative flow ratio (QFR) and vessel fractional flow reserve (vFFR) estimated retrospectively by conventional radiation saving X-ray angiography. International Journal of Cardiovascular Imaging, 2021, 37, 1491-1501.	0.7	9
3	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.	0.7	11
4	Multi-modality intravascular imaging for guiding coronary intervention and assessing coronary atheroma: the Novasight Hybrid IVUS-OCT system. Minerva Cardiology and Angiology, 2021, 69, 655-670.	0.4	5
5	Wall shear stress estimated by 3D-QCA can predict cardiovascular events in lesions with borderline negative fractional flow reserve. Atherosclerosis, 2021, 322, 24-30.	0.4	21
6	Uncovered non-apposed side-branch struts in a bifurcation lesion: aÂnidus for late stent thrombosis. Hellenic Journal of Cardiology, 2021, 63, 96-96.	0.4	1
7	Advanced deep learning methodology for accurate, real-time segmentation of high-resolution intravascular ultrasound images. International Journal of Cardiology, 2021, 339, 185-191.	0.8	14
8	Computerized technologies informing cardiac catheterization and guiding coronary intervention. American Heart Journal, 2021, 240, 28-45.	1.2	4
9	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, , .	0.2	0
10	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.	0.2	0
11	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.	0.8	19
12	Iatrogenic catheterâ€induced ostial coronary artery dissections: Prevalence, management, and mortality from a cohort of 55,968 patients over 10â€‰years. Catheterization and Cardiovascular Interventions, 2020, 98, 649-655.	0.7	14
13	Computerised Methodologies for Non-Invasive Angiography-Derived Fractional Flow Reserve Assessment: A Critical Review. Journal of Interventional Cardiology, 2020, 2020, 1-10.	0.5	13
14	Predictive value of the QFR in detecting vulnerable plaques in non-flow limiting lesions: a combined analysis of the PROSPECT and IBIS-4 study. International Journal of Cardiovascular Imaging, 2020, 36, 993-1002.	0.7	6
15	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.	1.0	2
16	The Evolution of Data Fusion Methodologies Developed to Reconstruct Coronary Artery Geometry From Intravascular Imaging and Coronary Angiography Data: A Comprehensive Review. Frontiers in Cardiovascular Medicine, 2020, 7, 33.	1.1	11
17	Evaluation of the Efficacy of Computed Tomographic Coronary Angiography in Assessing Coronary Artery Morphology and Physiology: Rationale and Study Design. Cardiology, 2020, 145, 285-293.	0.6	9
18	Shear Stress Estimated by Quantitative Coronary Angiography Predicts Plaques Prone to Progress and Cause Events. JACC: Cardiovascular Imaging, 2020, 13, 2206-2219.	2.3	27

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19	Angiographic derived endothelial shear stress: a new predictor of atherosclerotic disease progression. European Heart Journal Cardiovascular Imaging, 2019, 20, 314-322.	0.5	11
20	Reliable in vivo intravascular imaging plaque characterization: A challenge unmet. American Heart Journal, 2019, 218, 20-31.	1.2	7
21	Quantitative myocardial perfusion in coronary artery disease: A perfusion mapping study. Journal of Magnetic Resonance Imaging, 2019, 50, 756-762.	1.9	35
22	Implications of the local haemodynamic forces on the phenotype of coronary plaques. Heart, 2019, 105, 1078-1086.	1.2	14
23	11â€…Evaluation of tube potential effects on atherosclerotic plaque assessment: in vivo assessment with intravascular ultrasound. , 2019, , .		0
24	Efficacy and Reproducibility of Attenuation-Compensated Optical Coherence Tomography for Assessing External Elastic Membrane Border and Plaque Composition in Native and Stented Segmentsã€€â€• An In Vivo and Histology-Based Study â€•. Circulation Journal, 2019, 84, 91-100.	0.7	5
25	Incidental identification of stent migration in the ascending aorta: a cautionary tale. Hellenic Journal of Cardiology, 2019, 60, 137-138.	0.4	0
26	Meta-analysis of the impact of intervention versus symptom-driven management in asymptomatic severe aortic stenosis. Heart, 2017, 103, 268-272.	1.2	35