Abdul Rahman Ihdayhid

List of Publications by Year
in descending order

48 papers	637 citations	758635 12 h-index	642321 23 g-index
49 all docs	49 docs citations	49 times ranked	856 citing authors

#	Article	IF	Citations
1	Prognostic Value and Risk Continuum of Noninvasive Fractional Flow Reserve Derived from Coronary CT Angiography. Radiology, 2019, 292, 343-351.	3.6	89
2	Bioprosthetic aortic valve leaflet thrombosis detected by multidetector computed tomography is associated with adverse cerebrovascular events: a meta-analysis of observational studies. EuroIntervention, 2018, 13, e1748-e1755.	1.4	75
3	Neo-LVOT and Transcatheter Mitral Valve Replacement. JACC: Cardiovascular Imaging, 2021, 14, 854-866.	2.3	60
4	Prognostic value of coronary computed tomography angiographic derived fractional flow reserve: a systematic review and meta-analysis. Heart, 2022, 108, 194-202.	1.2	45
5	Performance of computed tomography-derived fractional flow reserve using reduced-order modelling and static computed tomography stress myocardial perfusion imaging for detection of haemodynamically significant coronary stenosis. European Heart Journal Cardiovascular Imaging, 2018, 19, 1234-1243.	0.5	33
6	Feasibility and Validity of Computed Tomography-Derived Fractional Flow Reserve in Patients With Severe Aortic Stenosis. Circulation: Cardiovascular Interventions, 2021, 14, e009586.	1.4	30
7	Pericoronary adipose tissue and quantitative global non-calcified plaque characteristics from CT angiography do not differ in matched South Asian, East Asian and European-origin Caucasian patients with stable chest pain. European Journal of Radiology, 2020, 125, 108874.	1.2	29
8	Intra-aortic balloon pump. Current Opinion in Cardiology, 2014, 29, 285-292.	0.8	27
9	Periprocedural Myocardial Injury Predicts Short- and Long-Term Mortality in Patients Undergoing Transcatheter Aortic Valve Replacement. Circulation: Cardiovascular Interventions, 2018, 11, e007106.	1.4	22
10	Trans-lesional fractional flow reserve gradient as derived from coronary CT improves patient management: ADVANCE registry. Journal of Cardiovascular Computed Tomography, 2022, 16, 19-26.	0.7	20
11	Neosinus and Sinus Flow After Self-Expanding and Balloon-Expandable Transcatheter Aortic Valve Replacement. JACC: Cardiovascular Interventions, 2021, 14, 2657-2666.	1.1	18
12	A Practical Guide for Fractional Flow Reserve Guided Revascularisation. Heart Lung and Circulation, 2018, 27, 406-419.	0.2	17
13	Non-hyperaemic pressure ratios to guide percutaneous coronary intervention. Open Heart, 2020, 7, e001308.	0.9	14
14	Comparison of Coronary Atherosclerotic Plaque Burden and Composition as Assessed on Coronary Computed Tomography Angiography in East Asian and European-Origin Caucasians. American Journal of Cardiology, 2019, 124, 1012-1019.	0.7	13
15	CT-Derived Fractional Flow Reserve (CT-FFR) in the Evaluation of Coronary Artery Disease. Heart Lung and Circulation, 2020, 29, 1621-1632.	0.2	13
16	Assessment of Serial Coronary Stenoses With Noninvasive Computed Tomography-Derived Fractional Flow Reserve and Treatment Planning Using aÂNovel Virtual Stenting Application. JACC: Cardiovascular Interventions, 2017, 10, e223-e225.	1.1	11
17	Clinical predictors and sequelae of computed tomography defined leaflet thrombosis following transcatheter aortic valve replacement at medium-term follow-up. Heart and Vessels, 2021, 36, 1374-1383.	0.5	10
18	Cardiac computed tomography-derived coronary artery volume to myocardial mass. Journal of Cardiovascular Computed Tomography, 2022, 16, 198-206.	0.7	10

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19	Impact of Annular Oversizing on Paravalvular Regurgitation and ValveÂHemodynamics. JACC: Cardiovascular Interventions, 2021, 14, 2158-2169.	1.1	9
20	Ischemic Myocardial Burden Subtended by Computed Tomographyâ€“Derived Fractional Flow Reserve (APPROACHFFRCT). JACC: Cardiovascular Imaging, 2020, 13, 2264-2267.	2.3	7
21	Prosthesis Geometrical Predictors of Leaflet Thrombosis Following Transcatheter Aortic Valve Replacement With Intra-Annular Prostheses. Heart Lung and Circulation, 2022, 31, 678-684.	0.2	7
22	Women With Spontaneous Coronary Artery Dissection Are at Increased Risk of Iatrogenic Coronary Artery Dissection. Heart Lung and Circulation, 2021, 30, e23-e28.	0.2	6
23	Coronary artery disease in East and South Asians: differences observed on cardiac CT. Heart, 2022, 108, 251-257.	1.2	6
24	Resting Indexes in the Functional Assessment of Left Main and Left Anterior Descending Coronary Stenoses. JACC: Cardiovascular Interventions, 2018, 11, 1531-1533.	1.1	5
25	The Role of Fractional Flow Reserve and Instantaneous Wave-Free Ratio Measurements in Patients with Acute Coronary Syndrome. Current Cardiology Reports, 2019, 21, 159.	1.3	5
26	Influence of operator expertise and coronary luminal segmentation technique on diagnostic performance, precision and reproducibility of reduced-order CT-derived fractional flow reserve technique. Journal of Cardiovascular Computed Tomography, 2020, 14, 356-362.	0.7	5
27	Ethnic differences in coronary anatomy, left ventricular mass and CT-derived fractional flow reserve. Journal of Cardiovascular Computed Tomography, 2021, 15, 249-257.	0.7	5
28	Contemporary Evidence-Based Diagnosis and Management of Severe Coronary Artery Calcification. Heart Lung and Circulation, 2022, 31, 766-778.	0.2	5
29	The fractional flow reserve grey zone: a blueprint for the future of coronary revascularisation. Heart, 2020, 106, 714-715.	1.2	4
30	Bioprosthetic Valve Fracture to Facilitate Valve-in-Valve Transcatheter Aortic Valve Replacement. Structural Heart, 2021, 5, 24-38.	0.2	4
31	<scp>K</scp>ounis syndrome with <scp>S</scp>amterâ€“<scp>B</scp>eer triad treated with intracoronary adrenaline. Catheterization and Cardiovascular Interventions, 2015, 86, E263-7.	0.7	3
32	Simultaneous Coronary and Pulmonary Angiography to Diagnose Critical Left Main Coronary Artery Stenosis Secondary to Dilated Pulmonary Artery. JACC: Cardiovascular Interventions, 2016, 9, 1193-1194.	1.1	3
33	Threading the Eye of the Needle: A Challenging Case of Iatrogenic Spiral Coronary Artery Dissection. Heart Lung and Circulation, 2018, 27, e73-e77.	0.2	3
34	A 42-year-old woman with acute myocardial infarction. Heart, 2018, 104, 1607-1607.	1.2	3
35	Comparison of diagnostic performance between quantitative flow ratio, non-hyperemic pressure indices and fractional flow reserve. Cardiovascular Diagnosis and Therapy, 2020, 10, 442-452.	0.7	3
36	Very Late Coronary Stent Infection and Abscess following Staphylococcus aureus Bacteremia. Case, 2021, 5, 373-376.	0.1	3

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37	Effect of aortoâ€ventricular angulation on procedural success in transcatheter aortic valve replacements with the <scp>L</scp>otus <scp>V</scp>alve system. Catheterization and Cardiovascular Interventions, 2018, 91, 1365-1370.	0.7	2
38	Discordance of intracoronary pressure-based indices in severe angiographic stenosis: are we missing the flow?. Cardiovascular Intervention and Therapeutics, 2020, 35, 304-305.	1.2	2
39	Machine Learning CT FFR: The Evolving Role of On-Site Techniques. Radiology: Cardiothoracic Imaging, 2020, 2, e200228.	0.9	2
40	Novel method for assessing myocardium at risk: a new arrow in the diagnostic quiver of coronary CT. Heart, 2020, 106, 1458-1460.	1.2	2
41	Patient-specific CT-Simulation in TAVR: An emerging guide in the lifetime journey of aortic valve disease. Journal of Cardiovascular Computed Tomography, 2022, 16, e35-e37.	0.7	2
42	Complicated Interaction Between Balloon Expandable Sheath and Self-Expanding Aortic Bioprosthesis. JACC: Cardiovascular Interventions, 2020, 13, e11-e13.	1.1	1
43	Integrating Plaque and Physiology. JACC: Cardiovascular Imaging, 2021, 14, 1990-1992.	2.3	1
44	Absence of the left pericardium: An incidental cause of leftward cardiac displacement to consider. Journal of Medical Imaging and Radiation Oncology, 2022, , .	0.9	1
45	Early Australian experience with intravascular lithotripsy treatment of severe calcific coronary stenosis. AsiaIntervention, 2022, 8, 42-49.	0.1	1
46	Fractional Flow Reserve following Percutaneous Coronary Intervention. Journal of Interventional Cardiology, 2020, 2020, 1-12.	0.5	0
47	Repeat Transcatheter Aortic Valve Replacement and Follow-Up of Embolized Transcatheter Heart Valve After 13 Years. JACC: Case Reports, 2021, 3, 633-635.	0.3	0
48	Reply. JACC: Cardiovascular Interventions, 2022, 15, 228-229.	1.1	0