

Jelmer Westra

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,454
citations

566801

15
h-index

433756

31
g-index

38
all docs

38
docs citations

38
times ranked

1143
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of quantitative flow ratio in patients with aortic stenosis undergoing transcatheter aortic valve implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 68-73.	0.7	15
2	Characterization of quantitative flow ratio and fractional flow reserve discordance using doppler flow and clinical follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1181-1190.	0.7	2
3	Reproducibility of quantitative flow ratio: the QREP study. <i>EuroIntervention</i> , 2022, 17, 1252-1259.	1.4	19
4	Impact of coronary plaque morphology on the precision of computational fractional flow reserve derived from optical coherence tomography imaging. <i>Cardiovascular Diagnosis and Therapy</i> , 2022, 12, 155-165.	0.7	7
5	Prognostic value of microvascular resistance and its association to fractional flow reserve: a DEFINE-FLOW substudy. <i>Open Heart</i> , 2022, 9, e001981.	0.9	2
6	Resting distal to aortic pressure ratio and fractional flow reserve discordance affects the diagnostic performance of quantitative flow ratio: Results from an individual patient data meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 825-832.	0.7	1
7	Validation and update of the minimal risk tool in patients suspected of chronic coronary syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 699-706.	0.7	6
8	Advanced heart sound analysis as a new prognostic marker in stable coronary artery disease. <i>European Heart Journal Digital Health</i> , 2021, 2, 279-289.	0.7	8
9	Immediate post-procedural functional assessment of percutaneous coronary intervention: current evidence and future directions. <i>European Heart Journal</i> , 2021, 42, 2695-2707.	1.0	34
10	Polygenic Risk Score—Enhanced Risk Stratification of Coronary Artery Disease in Patients With Stable Chest Pain. <i>Circulation Genomic and Precision Medicine</i> , 2021, 14, e003298.	1.6	9
11	One-step anatomic and function testing by cardiac CT versus second-line functional testing in symptomatic patients with coronary artery stenosis: head-to-head comparison of CT-derived fractional flow reserve and myocardial perfusion imaging. <i>EuroIntervention</i> , 2021, 17, 576-583.	1.4	7
12	Prediction of Coronary Revascularization in Stable Angina. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 994-1004.	2.3	27
13	Fractional flow reserve in clinical practice: from wire-based invasive measurement to image-based computation. <i>European Heart Journal</i> , 2020, 41, 3271-3279.	1.0	69
14	Comparison of quantitative flow ratio and fractional flow reserve with myocardial perfusion scintigraphy and cardiovascular magnetic resonance as reference standard. A Dan-NICAD substudy. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 395-402.	0.7	10
15	Physiological assessment of non-culprit stenoses during acute coronary syndromes. <i>European Heart Journal</i> , 2020, 41, 2598-2598.	1.0	1
16	Reproducibility of quantitative flow ratio: An inter-core laboratory variability study. <i>Cardiology Journal</i> , 2020, 27, 230-237.	0.5	14
17	Danish study of Non-Invasive testing in Coronary Artery Disease 2 (Dan-NICAD 2): Study design for a controlled study of diagnostic accuracy. <i>American Heart Journal</i> , 2019, 215, 114-128.	1.2	13
18	Letter by Westra et al Regarding Article, “Accuracy of Fractional Flow Reserve Derived From Coronary Angiography”. <i>Circulation</i> , 2019, 140, e94-e95.	1.6	0

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19	Pre-test probability prediction in patients with a low to intermediate probability of coronary artery disease: a prospective study with a fractional flow reserve endpoint. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 1208-1218.	0.5	22
20	Quantitative flow ratio for immediate assessment of nonculprit lesions in patients with ST-segment elevation myocardial infarction—An iSTEMI substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 686-692.	0.7	45
21	Diagnostic performance of quantitative flow ratio in prospectively enrolled patients: An individual patient-data meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 693-701.	0.7	79
22	Accuracy of 3-dimensional and 2-dimensional quantitative coronary angiography for predicting physiological significance of coronary stenosis: a FAVOR II substudy. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 481-491.	0.7	7
23	Automatic coronary blood flow computation: validation in quantitative flow ratio from coronary angiography. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 587-595.	0.7	16
24	Quantification of disturbed coronary flow by disturbed vorticity index and relation with fractional flow reserve. <i>Atherosclerosis</i> , 2018, 273, 136-144.	0.4	22
25	Quantitative Flow Ratio Identifies Nonculprit Coronary Lesions Requiring Revascularization in Patients With ST-Segment Elevation Myocardial Infarction and Multivessel Disease. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006023.	1.4	80
26	Evaluation of Coronary Artery Stenosis by Quantitative Flow Ratio During Invasive Coronary Angiography. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007107.	1.3	157
27	An augmented Pd/Pa response after contrast injection during intravenous adenosine-induced hyperemia. <i>Coronary Artery Disease</i> , 2018, 29, 609-610.	0.3	0
28	Diagnostic Performance of Invasive Procedure Angiography-Derived Quantitative Flow Reserve Compared to Pressure-Derived Fractional Flow Reserve: The FAVOR II Europe-Japan Study. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	240
29	Diagnostic performance of angiography-derived fractional flow reserve: a systematic review and Bayesian meta-analysis. <i>European Heart Journal</i> , 2018, 39, 3314-3321.	1.0	116
30	RISK STRATIFICATION OF PATIENTS SUSPECTED OF CORONARY ARTERY DISEASE USING AN ACOUSTIC DETECTION ALGORITHM. <i>Journal of the American College of Cardiology</i> , 2017, 69, 80.	1.2	0
31	A systematic review of imaging anatomy in predicting functional significance of coronary stenoses determined by fractional flow reserve. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 975-990.	0.7	21
32	TCT-10 Physiological testing of coronary artery stenosis by computation of invasive coronary angiography. The wire-free functional imaging (WIFI-II) study. <i>Journal of the American College of Cardiology</i> , 2016, 68, B4-B5.	1.2	2
33	Diagnostic Accuracy of Fast Computational Approaches to Derive Fractional Flow Reserve From Diagnostic Coronary Angiography. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2024-2035.	1.1	394
34	Overview of Quantitative Flow Ratio and Optical Flow Ratio in the Assessment of Intermediate Coronary Lesions. <i>US Cardiology Review</i> , 0, 14, .	0.5	5