

Michiel J Bom

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

532
citations

840776

11
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved cardiovascular risk prediction using targeted plasma proteomics in primary prevention. <i>European Heart Journal</i> , 2020, 41, 3998-4007.	2.2	68
2	Targeted proteomics improves cardiovascular risk prediction in secondary prevention. <i>European Heart Journal</i> , 2022, 43, 1569-1577.	2.2	55
3	Prognostic value of [15O]H2O positron emission tomography-derived global and regional myocardial perfusion. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 777-786.	1.2	54
4	Continuous thermodilution to assess absolute flow and microvascular resistance: validation in humans using [15O]H2O positron emission tomography. <i>European Heart Journal</i> , 2019, 40, 2350-2359.	2.2	52
5	Prognostic Value of RCA Pericoronary Adipose Tissue CT-Attenuation Beyond High-Risk Plaques, Plaque Volume, and Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1598-1610.	5.3	43
6	Predictive value of targeted proteomics for coronary plaque morphology in patients with suspected coronary artery disease. <i>EBioMedicine</i> , 2019, 39, 109-117.	6.1	42
7	Marked plaque regression in homozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021, 327, 13-17.	0.8	35
8	Adverse Plaque Characteristics Relate More Strongly With Hyperemic Fractional Flow Reserve and Instantaneous Wave-Free Ratio Than With Resting Instantaneous Wave-Free Ratio. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 746-756.	5.3	27
9	Noninvasive procedural planning using computed tomography-derived fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 614-622.	1.7	18
10	Ischemic Burden Reduction and Long-Term Clinical Outcomes After Chronic Total Occlusion Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1407-1418.	2.9	16
11	Impact of individualized segmentation on diagnostic performance of quantitative positron emission tomography for haemodynamically significant coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 525-532.	1.2	14
12	Incremental prognostic value of hybrid [15O]H2O positron emission tomography-computed tomography: combining myocardial blood flow, coronary stenosis severity, and high-risk plaque morphology. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1105-1113.	1.2	14
13	The impact of coronary revascularization on vessel-specific coronary flow capacity and long-term outcomes: a serial [15O]H2O positron emission tomography perfusion imaging study. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 743-752.	1.2	14
14	Comparison Between the Performance of Quantitative Flow Ratio and Perfusion Imaging for Diagnosing Myocardial Ischemia. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 1976-1985.	5.3	13
15	Impact of Specific Crossing Techniques in Chronic Total Occlusion Percutaneous Coronary Intervention on Recovery of Absolute Myocardial Perfusion. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008064.	3.9	11
16	Defining the prognostic value of [15O]H2O positron emission tomography-derived myocardial ischaemic burden. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 638-646.	1.2	10
17	Comparison between quantitative cardiac magnetic resonance perfusion imaging and [15O]H2O positron emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 1688-1697.	6.4	9
18	Diagnostic value of comprehensive on-site and off-site coronary CT angiography for identifying hemodynamically obstructive coronary artery disease. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 37-45.	1.3	7

#	ARTICLE	IF	CITATIONS
19	Pre-Emptive OCT-Guided Angioplasty of Vulnerable Intermediate Coronary Lesions: Results from the Prematurely Halted PECTUS-Trial. <i>Journal of Interventional Cardiology</i> , 2020, 2020, 1-8.	1.2	6
20	Viability and functional recovery after chronic total occlusion percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E668-E676.	1.7	5
21	Relationship of age, atherosclerosis and angiographic stenosis using artificial intelligence. <i>Open Heart</i> , 2021, 8, e001832.	2.3	5
22	Impact of percutaneous coronary intervention of chronic total occlusions on absolute perfusion in remote myocardium. <i>EuroIntervention</i> , 2022, 18, e314-e323.	3.2	5
23	Residual Quantitative Flow Ratio to Estimate Post-Percutaneous Coronary Intervention Fractional Flow Reserve. <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-11.	1.2	4
24	Functional recovery after percutaneous revascularization of coronary chronic total occlusions: insights from cardiac magnetic resonance tissue tracking. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 3057-3068.	1.5	3
25	Comparison between cardiac magnetic resonance stress T1 mapping and [15O]H2O positron emission tomography in patients with suspected obstructive coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 229-237.	1.2	2