

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 | 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 |
| 2 | Targeted proteomics improves cardiovascular risk prediction in secondary prevention. <i>European Heart Journal</i> , 2022, 43, 1569-1577. | 2.2 | 55 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Noninvasive procedural planning using computed tomography-derived fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 614-622. | 1.7 | 18 |
| 8 | Marked plaque regression in homozygous familial hypercholesterolemia. <i>Atherosclerosis</i> , 2021, 327, 13-17. | 0.8 | 35 |
| 9 | Viability and functional recovery after chronic total occlusion percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E668-E676. | 1.7 | 5 |
| 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 | Residual Quantitative Flow Ratio to Estimate Postpercutaneous Coronary Intervention Fractional Flow Reserve. <i>Journal of Interventional Cardiology</i> , 2021, 2021, 1-11. | 1.2 | 4 |
| 12 | 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 |
| 13 | 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 |
| 14 | Relationship of age, atherosclerosis and angiographic stenosis using artificial intelligence. <i>Open Heart</i> , 2021, 8, e001832. | 2.3 | 5 |
| 15 | 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 |
| 16 | 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 |
| 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 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Improved cardiovascular risk prediction using targeted plasma proteomics in primary prevention. <i>European Heart Journal</i> , 2020, 41, 3998-4007. | 2.2 | 68 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Continuous thermodilution to assess absolute flow and microvascular resistance: validation in humans using [15O]H ₂ O positron emission tomography. <i>European Heart Journal</i> , 2019, 40, 2350-2359. | 2.2 | 52 |
| 24 | 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 |
| 25 | 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 |