

Stefan P Schumacher

List of Publications by Year in descending order

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34
papers

886
citations

623734

14
h-index

477307

29
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34
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34
times ranked

1172
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	Feasibility of computed tomography perfusion in patients with chronic total occlusion undergoing percutaneous coronary intervention. <i>Journal of Cardiovascular Computed Tomography</i> , 2022, 16, 281-283.	1.3	3
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	Coronary Collateral Flow Index Is Correlated With the Palmar Collateral Flow Index. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1830-1836.	2.4	1
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	Cardiac Magnetic Resonance for Evaluating Nonculprit Lesions After Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 715-728.	5.3	13
15	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
16	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
17	Accuracy of RESOLVE score derived from coronary computed tomography versus visual angiography to predict side branch occlusion in percutaneous bifurcation intervention. <i>Journal of Cardiovascular Computed Tomography</i> , 2020, 14, 258-265.	1.3	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

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19	Comparison Between the Performance of Quantitative Flow Ratio and Perfusion Imaging for Diagnosing Myocardial Ischemia. JACC: Cardiovascular Imaging, 2020, 13, 1976-1985.	5.3	13
20	Ischaemic burden and changes in absolute myocardial perfusion after chronic total occlusion percutaneous coronary intervention. EuroIntervention, 2020, 16, e462-e471.	3.2	18
21	Coronary collaterals and myocardial viability in patients with chronic total occlusions. EuroIntervention, 2020, 16, e453-e461.	3.2	26
22	Percutaneous Coronary Intervention of Chronic Total Occlusions: When and How to Treat. Cardiovascular Revascularization Medicine, 2019, 20, 513-522.	0.8	24
23	Impact of Specific Crossing Techniques in Chronic Total Occlusion Percutaneous Coronary Intervention on Recovery of Absolute Myocardial Perfusion. Circulation: Cardiovascular Interventions, 2019, 12, e008064.	3.9	11
24	Continuous thermodilution to assess absolute flow and microvascular resistance: validation in humans using [15O]H ₂ O positron emission tomography. European Heart Journal, 2019, 40, 2350-2359.	2.2	52
25	Impact of individualized segmentation on diagnostic performance of quantitative positron emission tomography for haemodynamically significant coronary artery disease. European Heart Journal Cardiovascular Imaging, 2019, 20, 525-532.	1.2	14
26	Recovery of myocardial perfusion after percutaneous coronary intervention of chronic total occlusions is comparable to hemodynamically significant non-occlusive lesions. Catheterization and Cardiovascular Interventions, 2019, 93, 1059-1066.	1.7	18
27	Comparison of Coronary Computed Tomography Angiography, Fractional Flow Reserve, and Perfusion Imaging for Ischemia Diagnosis. Journal of the American College of Cardiology, 2019, 73, 161-173.	2.8	266
28	Mechanisms of Myocardial Infarction in Patients With Nonobstructive Coronary Artery Disease. JACC: Cardiovascular Imaging, 2019, 12, 2210-2221.	5.3	83
29	Influence of pH and phosphate concentration on the phosphate binding capacity of five contemporary binders. An in vitro study. Nephrology, 2019, 24, 221-226.	1.6	12
30	Subadventitial stenting around occluded stents: A bailout technique to recanalize in-stent chronic total occlusions. Catheterization and Cardiovascular Interventions, 2018, 92, 466-476.	1.7	15
31	Impact of Revascularization on Absolute Myocardial Blood Flow as Assessed by Serial [¹⁵ O]H ₂ O Positron Emission Tomography Imaging. Circulation: Cardiovascular Imaging, 2018, 11, e007417.	2.6	41
32	Impact of right ventricular side branch occlusion during percutaneous coronary intervention of chronic total occlusions on right ventricular function. Cardiovascular Revascularization Medicine, 2017, 18, 405-410.	0.8	0
33	Retrograde Chronic Total Occlusion Percutaneous Coronary Intervention Through Ipsilateral Collateral Channels. JACC: Cardiovascular Interventions, 2017, 10, 1489-1497.	2.9	26
34	Effects of successful percutaneous coronary intervention of chronic total occlusions on myocardial perfusion and left ventricular function. EuroIntervention, 2017, 13, 345-354.	3.2	37