

Stuart Watkins

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

2,924
citations

218381

26
h-index

189595

50
g-index

61
all docs

61
docs citations

61
times ranked

3202
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratified Medical Therapy Using Invasive Coronary Function Testing in Angina. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2841-2855.	1.2	436
2	A Randomized Trial of Deferred Stenting Versus Immediate Stenting to Prevent No- or Slow-Reflow in Acute ST-Segment Elevation Myocardial Infarction (DEFER-STEMI). <i>Journal of the American College of Cardiology</i> , 2014, 63, 2088-2098.	1.2	204
3	Validation of Magnetic Resonance Myocardial Perfusion Imaging With Fractional Flow Reserve for the Detection of Significant Coronary Heart Disease. <i>Circulation</i> , 2009, 120, 2207-2213.	1.6	191
4	Comparison of Different Diastolic Resting Indexes to iFR. <i>Journal of the American College of Cardiology</i> , 2017, 70, 3088-3096.	1.2	163
5	Myocardial Hemorrhage After Acute Reperused ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, e004148.	1.3	158
6	1-Year Outcomes of Angina Management Guided by Invasive Coronary Function Testing (CorMicA). <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 33-45.	1.1	141
7	Systemic microvascular dysfunction in microvascular and vasospastic angina. <i>European Heart Journal</i> , 2018, 39, 4086-4097.	1.0	139
8	Comparative Prognostic Utility of Indexes of Microvascular Function Alone or in Combination in Patients With an Acute ST-Segment Elevation Myocardial Infarction. <i>Circulation</i> , 2016, 134, 1833-1847.	1.6	135
9	Pathophysiology of LV Remodeling in Survivors of STEMI. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 779-789.	2.3	116
10	Ischemia and No Obstructive Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008126.	1.4	107
11	Prognostic significance of infarct core pathology revealed by quantitative non-contrast in comparison with contrast cardiac magnetic resonance imaging in reperused ST-elevation myocardial infarction survivors. <i>European Heart Journal</i> , 2016, 37, 1044-1059.	1.0	105
12	Integrated Physiologic Assessment of Ischemic Heart Disease in Real-World Practice Using Index of Microcirculatory Resistance and Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002857.	1.4	89
13	Post-stenting fractional flow reserve vs coronary angiography for optimization of percutaneous coronary intervention (TARGET-FFR). <i>European Heart Journal</i> , 2021, 42, 4656-4668.	1.0	79
14	Genetic dysregulation of endothelin-1 is implicated in coronary microvascular dysfunction. <i>European Heart Journal</i> , 2020, 41, 3239-3252.	1.0	73
15	Discordance Between Resting and Hyperemic Indices of Coronary Stenosis Severity. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	1.4	67
16	Fractional flow reserve-guided management in stable coronary disease and acute myocardial infarction: recent developments. <i>European Heart Journal</i> , 2015, 36, 3155-3164.	1.0	58
17	Current Smoking and Prognosis After Acute ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 993-1003.	2.3	46
18	Remote Zone Extracellular Volume and Left Ventricular Remodeling in Survivors of ST-Elevation Myocardial Infarction. <i>Hypertension</i> , 2016, 68, 385-391.	1.3	44

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19	Diastolic pressure ratio: new approach and validation vs. the instantaneous wave-free ratio. <i>European Heart Journal</i> , 2019, 40, 2585-2594.	1.0	44
20	Persistent Iron Within the Infarct Core After ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 1248-1256.	2.3	43
21	Microvascular resistance of the culprit coronary artery in acute ST-elevation myocardial infarction. <i>JCI Insight</i> , 2016, 1, e85768.	2.3	39
22	A multisystem, cardio-renal investigation of post-COVID-19 illness. <i>Nature Medicine</i> , 2022, 28, 1303-1313.	15.2	39
23	Comparative Significance of Invasive Measures of Microvascular Injury in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008505.	1.4	37
24	Hypertension, Microvascular Pathology, and Prognosis After an Acute Myocardial Infarction. <i>Hypertension</i> , 2018, 72, 720-730.	1.3	33
25	Circumferential Strain Predicts Major Adverse Cardiovascular Events Following an Acute ST-Segment Elevation Myocardial Infarction. <i>Radiology</i> , 2019, 290, 329-337.	3.6	32
26	Intravascular lithotripsy to treat a severely underexpanded coronary stent. <i>EuroIntervention</i> , 2019, 15, 124-125.	1.4	29
27	Sex differences in procedural and clinical outcomes following rotational atherectomy. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 232-241.	0.7	24
28	Redefining Adverse and Reverse Left Ventricular Remodeling by Cardiovascular Magnetic Resonance Following ST-Segment Elevation Myocardial Infarction and Their Implications on Long-Term Prognosis. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009937.	1.3	24
29	Rationale and design of the British Heart Foundation (BHF) Coronary Microvascular Angina (CorMicA) stratified medicine clinical trial. <i>American Heart Journal</i> , 2018, 201, 86-94.	1.2	22
30	Safety of guidewire-based measurement of fractional flow reserve and the index of microvascular resistance using intravenous adenosine in patients with acute or recent myocardial infarction. <i>International Journal of Cardiology</i> , 2016, 202, 305-310.	0.8	20
31	Relationship between angina pectoris and outcomes in patients with heart failure and reduced ejection fraction: an analysis of the Controlled Rosuvastatin Multinational Trial in Heart Failure (CORONA). <i>European Heart Journal</i> , 2014, 35, 3426-3433.	1.0	18
32	Assessment of Fractional Flow Reserve in Patients With Recent Non-ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002207.	1.4	17
33	Persistence of Infarct Zone T2 Hyperintensity at 6 Months After Acute ST-Segment Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	1.3	16
34	Predictors of segmental myocardial functional recovery in patients after an acute ST-Elevation myocardial infarction. <i>European Journal of Radiology</i> , 2019, 112, 121-129.	1.2	16
35	Diagnostic Accuracy of 3.0-T Magnetic Resonance T1 and T2 Mapping and T2-Weighted Dark-Blood Imaging for the Infarct-Related Coronary Artery in Non-ST-Segment Elevation Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	15
36	Fractional flow reserve (FFR) versus angiography in guiding management to optimise outcomes in non-ST segment elevation myocardial infarction (FAMOUS-NSTEMI) developmental trial: cost-effectiveness using a mixed trial- and model-based methods. <i>Cost Effectiveness and Resource Allocation</i> , 2015, 13, 19.	0.6	14

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37	Percutaneous coronary intervention versus medical therapy in patients with angina and grey-zone fractional flow reserve values: a randomised clinical trial. <i>Heart</i> , 2020, 106, 758-764.	1.2	13
38	Rationale and design of the Coronary Microvascular Angina Cardiac Magnetic Resonance Imaging (CorCMR) diagnostic study: the CorMicA CMR sub-study. <i>Open Heart</i> , 2018, 5, e000924.	0.9	12
39	Effects of Intracoronary Alteplase on Microvascular Function in Acute Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020, 9, e014066.	1.6	11
40	Five-year outcomes of staged percutaneous coronary intervention in the SYNTAX study. <i>EuroIntervention</i> , 2015, 10, 1402-1408.	1.4	9
41	Risk Stratification Guided by the Index of Microcirculatory Resistance and Left Ventricular End-Diastolic Pressure in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009529.	1.4	8
42	A Noncontrast CMR Risk Score for Long-Term Risk Stratification in Reperfused ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 431-440.	2.3	8
43	Sex-based associations with microvascular injury and outcomes after ST-segment elevation myocardial infarction. <i>Open Heart</i> , 2019, 6, e000979.	0.9	7
44	Inhibition of myocardial cathepsin-L release during reperfusion following myocardial infarction improves cardiac function and reduces infarct size. <i>Cardiovascular Research</i> , 2022, 118, 1535-1547.	1.8	6
45	One-Year Outcomes After Low-Dose Intracoronary Alteplase During Primary Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008855.	1.4	5
46	Validation of the "oesmart" minimum FFR Algorithm in an unselected all comer population of patients with intermediate coronary stenoses. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 991-997.	0.7	3
47	Displacement Encoding With Stimulated Echoes Enables the Identification of Infarct Transmurality Early Postmyocardial Infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 1722-1731.	1.9	3
48	Comparative study of costs and resource utilisation of rotational atherectomy versus intravascular lithotripsy for percutaneous coronary intervention. <i>Minerva Cardiology and Angiology</i> , 2021, , .	0.4	3
49	79...Diagnostic Accuracy of Myocardial Fractional Flow Reserve for Reversible Perfusion Abnormalities in Patients with Recent Non-ST Elevation Myocardial Infarction. <i>Heart</i> , 2014, 100, A46-A47.	1.2	2
50	Clinical outcomes and OCT analysis after culotte stenting with 2nd and 3rd generation Everolimus-eluting stents: Two-year follow-up of the Celtic bifurcation study. <i>Cardiovascular Revascularization Medicine</i> , 2022, , .	0.3	1
51	115...Persistence of Infarct Zone Oedema at 6 Months after Acute ST-elevation Myocardial Infarction: Incidence, Pathophysiology and Association with Left Ventricular Remodelling. <i>Heart</i> , 2016, 102, A81.2-A81.	1.2	0
52	114...Persistence of Haemoglobin Degradation Products within Infarct Scar Tissue after ST-elevation Myocardial Infarction: Incidence, Correlates and Implications for Left Ventricular Remodelling. <i>Heart</i> , 2016, 102, A81.1-A81.	1.2	0
53	2â€...Coronary flow reserve and index of microvascular resistance in acute stemi. <i>Heart</i> , 2016, 102, A1.2-A1.	1.2	0
54	5â€...Effect of remote ischaemic preconditioning on coronary artery function in patients with stable coronary artery disease. , 2018, , .		0

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55	50â€¦Ischaemia and No Obstructive Coronary Artery Disease (INOCA): prevalence and predictors of coronary vasomotion disorders. , 2019, , .		0
56	Low-dose intracoronary alteplase during primary percutaneous coronary intervention in patients with acute myocardial infarction: the T-TIME three-arm RCT. Efficacy and Mechanism Evaluation, 2020, 7, 1-86.	0.9	0