

# Michel T Corban

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

1,503  
citations

361413

20  
h-index

330143

37  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating progenitor cells are associated with plaque progression and long-term outcomes in heart transplant patients. <i>Cardiovascular Research</i> , 2022, 118, 1703-1712.	3.8	4
2	Autologous CD34+ Stem Cell Therapy Increases Coronary Flow Reserve and Reduces Angina in Patients With Coronary Microvascular Dysfunction. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, CIRCINTERVENTIONS121010802.	3.9	16
3	Impact of invasive aortic pulse pressure on coronary microvascular endothelial-independent dysfunction and on mortality in non-obstructive coronary artery disease. <i>Open Heart</i> , 2022, 9, e001925.	2.3	2
4	IMPROvE-CED Trial: Intracoronary Autologous CD34+ Cell Therapy for Treatment of Coronary Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Arteries. <i>Circulation Research</i> , 2022, 130, 326-338.	4.5	17
5	Coronary microvascular dysfunction is associated with exertional haemodynamic abnormalities in patients with heart failure with preserved ejection fraction. <i>European Journal of Heart Failure</i> , 2021, 23, 765-772.	7.1	48
6	Contrast fractional flow reserve vs adenosine fractional flow reserve: The impact of discordant results. <i>International Journal of Cardiology</i> , 2021, 328, 59-60.	1.7	0
7	Rationale and design of a multicenter, randomized, patients-blinded two-stage clinical trial on effects of endothelial function test in patients with non-obstructive coronary artery disease (ENDOFIND). <i>International Journal of Cardiology</i> , 2021, 325, 16-22.	1.7	8
8	Sex-specific differences in coronary blood flow and flow velocity reserve in symptomatic patients with non-obstructive disease. <i>EuroIntervention</i> , 2021, 16, 1079-1084.	3.2	7
9	Compositional change of gut microbiome and osteocalcin expressing endothelial progenitor cells in patients with coronary artery disease. <i>PLoS ONE</i> , 2021, 16, e0249187.	2.5	12
10	Alcohol Septal Ablation for Hypertrophic Cardiomyopathy Through an Anomalous Septal Perforator Off the Right Cusp. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, e129-e130.	2.9	0
11	Atrial Fibrillation and Endothelial Dysfunction. <i>Mayo Clinic Proceedings</i> , 2021, 96, 1609-1621.	3.0	29
12	Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. <i>Journal of the American Heart Association</i> , 2021, 10, e020464.	3.7	19
13	Coronary Microvascular Dysfunction and the Risk of Atrial Fibrillation From an Artificial Intelligence-Enabled Electrocardiogram. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2021, 14, e009947.	4.8	4
14	Peripheral microvascular dysfunction is associated with plaque progression and adverse long-term outcomes in heart transplant patients. <i>ESC Heart Failure</i> , 2021, 8, 5266-5274.	3.1	5
15	Prognostic impact and clinical outcomes of coronary flow reserve and hyperaemic microvascular resistance. <i>EuroIntervention</i> , 2021, 17, 569-575.	3.2	12
16	Ten-year clinical outcomes of an intermediate coronary lesion; prognosis and predictors of major adverse cardiovascular events. <i>International Journal of Cardiology</i> , 2020, 299, 26-30.	1.7	6
17	Assessment of peripheral endothelial function predicts future risk of solid-tumor cancer. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 608-618.	1.8	44
18	Non-infarct related artery microvascular obstruction is associated with worse persistent diastolic dysfunction in patients with revascularized ST elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2020, 300, 27-33.	1.7	7

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19	Coronary Microvascular Endothelial Dysfunction in Patients With Angina and Nonobstructive Coronary Artery Disease Is Associated With Elevated Serum Homocysteine Levels. <i>Journal of the American Heart Association</i> , 2020, 9, e017746.	3.7	25
20	Abnormal Endothelial Gene Expression Associated With Early Coronary Atherosclerosis. <i>Journal of the American Heart Association</i> , 2020, 9, e016134.	3.7	21
21	Microvascular Assessment of Ranolazine in Non-Obstructive Atherosclerosis. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008204.	3.9	3
22	Coronary perivascular epicardial adipose tissue and major adverse cardiovascular events after ST segment-elevation myocardial infarction. <i>Atherosclerosis</i> , 2020, 302, 27-35.	0.8	7
23	Promise of autologous CD34+ stem/progenitor cell therapy for treatment of cardiovascular disease. <i>Cardiovascular Research</i> , 2020, 116, 1424-1433.	3.8	34
24	Endothelin-1 in coronary microvascular dysfunction: a potential new therapeutic target once again. <i>European Heart Journal</i> , 2020, 41, 3252-3254.	2.2	12
25	The effect of polyphenol-rich chardonnay seed supplements on peripheral endothelial function. <i>European Journal of Nutrition</i> , 2020, 59, 3723-3734.	3.9	8
26	Coronary artery disease is associated with an altered gut microbiome composition. <i>PLoS ONE</i> , 2020, 15, e0227147.	2.5	70
27	Elevated plasma homocysteine levels are associated with impaired peripheral microvascular vasomotor response. <i>IJC Heart and Vasculature</i> , 2020, 28, 100515.	1.1	10
28	A Challenging Combination: Anomalous Left Anterior Descending Coronary Artery, Myocardial Bridging, and Endothelial Dysfunction. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 57.	2.4	1
29	Coronary Endothelial Dysfunction Is Associated With Increased Risk of Incident Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2020, 9, e014850.	3.7	32
30	Prevalence of myocardial bridging associated with coronary endothelial dysfunction in patients with chest pain and non-obstructive coronary artery disease. <i>EuroIntervention</i> , 2020, 15, 1262-1268.	3.2	34
31	Association of coronary microvascular endothelial dysfunction with vulnerable plaque characteristics in early coronary atherosclerosis. <i>EuroIntervention</i> , 2020, 16, 387-394.	3.2	25
32	Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1272-1274.	2.4	23
33	Coronary Microvascular Dysfunction Is Associated With Significant Plaque Burden and Diffuse Epicardial Atherosclerotic Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1519-1520.	2.9	12
34	Intramyocardial Hematoma After Radiofrequency Catheter Ablation. <i>Circulation Journal</i> , 2019, 83, 1083.	1.6	2
35	Neither Here nor There: Intracardiac Thrombus in Transit Wedged in a Patent Foramen Ovale. <i>Mayo Clinic Proceedings</i> , 2019, 94, 547-549.	3.0	3
36	ENDOTHELIUM-DEPENDENT CORONARY MICROVASCULAR DYSFUNCTION IS ASSOCIATED WITH ADVANCED CORONARY PLAQUE CHARACTERISTICS IN PATIENTS WITH NONOBSTRUCTIVE CORONARY ATHEROSCLEROSIS. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1423.	2.8	0

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37	UTILITY OF CARDIOPULMONARY EXERCISE TESTING IN PATIENTS WITH ASYMPTOMATIC SEVERE AORTIC STENOSIS. <i>Journal of the American College of Cardiology</i> , 2019, 73, 1957.	2.8	0
38	100.65 Abnormal Coronary Reactivity is Associated With Atrial Fibrillation Development: Is Atrial Fibrillation a Vascular Disease?. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, S20-S21.	2.9	0
39	Low Coronary Wall Shear Stress Is Associated With Severe Endothelial Dysfunction in Patients With Nonobstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2072-2080.	2.9	52
40	Coronary Microvasculature. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2069-2071.	2.9	3
41	Local Production of Soluble Urokinase Plasminogen Activator Receptor and Plasminogen Activator Inhibitor-1 in the Coronary Circulation Is Associated With Coronary Endothelial Dysfunction in Humans. <i>Journal of the American Heart Association</i> , 2018, 7, e009881.	3.7	20
42	Ubiquitous yet unseen: microvascular endothelial dysfunction beyond the heart. <i>European Heart Journal</i> , 2018, 39, 4098-4100.	2.2	13
43	Microvascular obstruction in non-infarct related coronary arteries is an independent predictor of major adverse cardiovascular events in patients with ST segment-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 273, 22-28.	1.7	17
44	High wall shear stress and high-risk plaque: an emerging concept. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1089-1099.	1.5	96
45	Antiphospholipid Syndrome. <i>Journal of the American College of Cardiology</i> , 2017, 69, 2317-2330.	2.8	109
46	Elevated Levels of Serum Fibrin and Fibrinogen Degradation Products Are Independent Predictors of Larger Coronary Plaques and Greater Plaque Necrotic Core. <i>Circulation Journal</i> , 2016, 80, 931-937.	1.6	17
47	Comprehensive Assessment of Coronary Plaque Progression With Advanced Intravascular Imaging, Physiological Measures, and Wall Shear Stress: A Pilot Double-Blinded Randomized Controlled Clinical Trial of Nebivolol Versus Atenolol in Nonobstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	23
48	Plasma soluble urokinase-type plasminogen activator receptor level is independently associated with coronary microvascular function in patients with non-obstructive coronary artery disease. <i>Atherosclerosis</i> , 2015, 239, 55-60.	0.8	41
49	Co-localization of Disturbed Flow Patterns and Occlusive Cardiac Allograft Vasculopathy Lesion Formation in Heart Transplant Patients. <i>Cardiovascular Engineering and Technology</i> , 2015, 6, 25-35.	1.6	7
50	Combination of plaque burden, wall shear stress, and plaque phenotype has incremental value for prediction of coronary atherosclerotic plaque progression and vulnerability. <i>Atherosclerosis</i> , 2014, 232, 271-276.	0.8	105
51	Myocardial Bridging. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2346-2355.	2.8	234
52	Reply. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2179-2181.	2.8	4
53	Fractional flow reserve for the assessment of complex multivessel disease in a patient after hybrid coronary revascularization. <i>Catheterization and Cardiovascular Interventions</i> , 2013, 81, 1169-1173.	1.7	1
54	Coronary microvascular dysfunction is associated with higher frequency of thin-cap fibroatheroma. <i>Atherosclerosis</i> , 2012, 223, 384-388.	0.8	42

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55	Association of Coronary Wall Shear Stress With Atherosclerotic Plaque Burden, Composition, and Distribution in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2012, 1, e002543.	3.7	109
56	Effect of intensive atorvastatin therapy on coronary atherosclerosis progression, composition, arterial remodeling, and microvascular function. <i>Journal of Invasive Cardiology</i> , 2012, 24, 522-9.	0.4	43
57	Machine learning aids clinical decision making in patients presenting with angina and non-obstructive coronary artery disease. <i>European Heart Journal Digital Health</i> , 0, , .	1.7	3