Sylvestre Marechaux

List of Publications by Year
in descending order

58 papers	1,470 citations	361413 20 h-index	330143 37 g-index
58 all docs	58 docs citations	58 times ranked	1691 citing authors

#	Article	IF	Citations
1	Stress Echocardiography to Assess Stenosis Severity and Predict Outcome in Patients With Paradoxical Low-Flow, Low-Gradient Aortic Stenosis and Preserved LVEF. JACC: Cardiovascular Imaging, 2013, 6, 175-183.	5.3	173
2	Low-Gradient, Low-Flow Severe AorticÂStenosis WithÂPreserved Left Ventricular EjectionÂFraction. Journal of the American College of Cardiology, 2015, 65, 55-66.	2.8	171
3	Staging Cardiac Damage in Patients With Asymptomatic Aortic Valve Stenosis. Journal of the American College of Cardiology, 2019, 74, 550-563.	2.8	152
4	Relationship Between Left Ventricular Ejection Fraction and Mortality in Asymptomatic and Minimally Symptomatic Patients With SevereÂAortic Stenosis. JACC: Cardiovascular Imaging, 2019, 12, 38-48.	5.3	77
5	Characteristics and Prognosis of Patients With Moderate Aortic Stenosis and Preserved Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2019, 8, e011036.	3.7	71
6	Impact of low stroke volume on mortality in patients with severe aortic stenosis and preserved left ventricular ejection fraction. European Heart Journal, 2018, 39, 1992-1999.	2.2	64
7	Relationship between Two-Dimensional Speckle-Tracking Septal Strain and Response to Cardiac Resynchronization Therapy in Patients with Left Ventricular Dysfunction and Left Bundle Branch Block: A Prospective Pilot Study. Journal of the American Society of Echocardiography, 2014, 27, 501-511.	2.8	55
8	Relation of Dimensionless Index to Long-Term Outcome in AorticÂStenosisÂWith Preserved LVEF. JACC: Cardiovascular Imaging, 2015, 8, 766-775.	5.3	46
9	Left Atrial Volume and Mortality in Patients With Aortic Stenosis. Journal of the American Heart Association, 2017, 6, .	3.7	39
10	Outcome Implication of Aortic Valve Area Normalized to Body Size in Asymptomatic Aortic Stenosis. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	33
11	Excess Mortality and Undertreatment of Women With Severe Aortic Stenosis. Journal of the American Heart Association, 2021, 10, e018816.	3.7	33
12	Impact of Mean Transaortic Pressure Gradient on Longâ€Term Outcome in Patients With Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction. Journal of the American Heart Association, 2017, 6, .	3.7	31
13	Prognostic Importance of Left Ventricular Global Longitudinal Strain in Patients with Severe Aortic Stenosis and Preserved Ejection Fraction. Journal of the American Society of Echocardiography, 2020, 33, 1454-1464.	2.8	31
14	Outcome of Normalâ€Flow Lowâ€Gradient Severe Aortic Stenosis With Preserved Left Ventricular Ejection Fraction: A Propensityâ€Matched Study. Journal of the American Heart Association, 2019, 8, e012301.	3.7	30
15	Dosing issues with non-vitaminÂK antagonist oral anticoagulants for the treatment of non-valvular atrial fibrillation: Why we should not underdose our patients. Archives of Cardiovascular Diseases, 2018, 111, 85-94.	1.6	29
16	Risk Stratification of Severe Aortic Stenosis With Preserved Left Ventricular Ejection Fraction Using Peak Aortic Jet Velocity. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	28
17	Clinical Significance of Ejection Dynamics Parameters in Patients with Aortic Stenosis: An Outcome Study. Journal of the American Society of Echocardiography, 2018, 31, 551-560.e2.	2.8	27
18	Clinical significance of septal deformation patterns in heart failure patients receiving cardiac resynchronization therapy. European Heart Journal Cardiovascular Imaging, 2017, 18, 1388-1397.	1.2	26

#	Article	IF	Citations
19	Role of echocardiography before cardiac resynchronization therapy: new advances and current developments. Echocardiography, 2016, 33, 1745-1752.	0.9	23
20	Prognostic value of left ventricular reverse remodeling and performance improvement after cardiac resynchronization therapy: A prospective study. International Journal of Cardiology, 2016, 204, 6-11.	1.7	22
21	Normative Reference Values of Cardiac Output by Pulsed-Wave Doppler Echocardiography in Adults. American Journal of Cardiology, 2021, 140, 128-133.	1.6	20
22	Quantitative Evaluation of Mitral Regurgitation Secondary to Mitral Valve Prolapse by Magnetic Resonance Imaging and Echocardiography. American Journal of Cardiology, 2015, 116, 1405-1410.	1.6	17
23	Direct oral anticoagulant use in patients with thrombophilia, antiphospholipid syndrome or venous thrombosis of unusual sites: A narrative review. Blood Reviews, 2018, 32, 272-279.	5.7	17
24	Prognostic Value of Low Flow in Patients With High Transvalvular Gradient Severe Aortic Stenosis and Preserved Left Ventricular Ejection Fraction. Circulation: Cardiovascular Imaging, 2019, 12, e009299.	2.6	17
25	Clinical Significance of Electromechanical Dyssynchrony and QRS Narrowing in Patients With Heart Failure Receiving Cardiac Resynchronization Therapy. Canadian Journal of Cardiology, 2019, 35, 27-34.	1.7	17
26	Severe Aortic Stenosis and Chronic Kidney Disease: Outcomes and Impact of Aortic Valve Replacement. Journal of the American Heart Association, 2020, 9, e017190.	3.7	17
27	Clinical and Echocardiographic Correlates of Plasma B-type Natriuretic Peptide Levels in Patients with Aortic Valve Stenosis and Normal Left Ventricular Ejection Fraction. Echocardiography, 2011, 28, 695-702.	0.9	15
28	Speckle-tracking strain echocardiography: Any place in routine daily practice in 2014?. Archives of Cardiovascular Diseases, 2013, 106, 629-634.	1.6	15
29	Natural history of functional tricuspid regurgitation: impact of cardiac output. European Heart Journal Cardiovascular Imaging, 2021, 22, 878-885.	1.2	15
30	Clinical significance of energy loss index in patients with low-gradient severe aortic stenosis and preserved ejection fraction. European Heart Journal Cardiovascular Imaging, 2020, 21, 608-615.	1.2	14
31	Quantitative assessment of primary mitral regurgitation using left ventricular volumes: a three-dimensional transthoracic echocardiographic pilot study. European Heart Journal Cardiovascular Imaging, 2014, 15, 1133-1139.	1.2	13
32	Prognostic Impact of the Ratio of Acceleration Time to Ejection Time in Patients With Low Gradient Severe Aortic Stenosis and Preserved Ejection Fraction. American Journal of Cardiology, 2019, 124, 1594-1600.	1.6	13
33	From evidence-based medicine to personalized medicine, with particular emphasis on drug-safety monitoring. Archives of Cardiovascular Diseases, 2017, 110, 413-419.	1.6	12
34	Prospective assessment of the frequency of low gradient severe aortic stenosis with preserved left ventricular ejection fraction: Critical impact of aortic flow misalignment and pressure recovery phenomenon. Archives of Cardiovascular Diseases, 2018, 111, 518-527.	1.6	12
35	Dimensionless Index in Patients With Low-Gradient Severe Aortic Stenosis and Preserved Ejection Fraction. Circulation: Cardiovascular Imaging, 2020, 13, e010925.	2.6	11
36	Correlates of the ratio of acceleration time to ejection time in patients with aortic stenosis: An echocardiographic and computed tomography study. Archives of Cardiovascular Diseases, 2019, 112, 567-575.	1.6	9

#	Article	IF	Citations
37	Time course of secondary mitral regurgitation in patients with heart failure receiving cardiac resynchronization therapy: Impact on long-term outcome beyond left ventricular reverse remodelling. Archives of Cardiovascular Diseases, 2018, 111, 320-331.	1.6	8
38	Is ticagrelor worth its high cost and side-effects?. Acta Cardiologica, 2019, 74, 93-98.	0.9	8
39	Relationship Between the Ratio of Acceleration Time/Ejection Time and Mortality in Patients With Highâ€Gradient Severe Aortic Stenosis. Journal of the American Heart Association, 2021, 10, e021873.	3.7	8
40	Myocardial metastasis of a bronchial carcinoid. European Heart Journal, 2007, 28, 391-391.	2.2	7
41	Editorâ€™s Choice-Recent therapeutic trials on fluid removal and vasodilation in acute heart failure. European Heart Journal: Acute Cardiovascular Care, 2016, 5, 86-95.	1.0	7
42	The Wolffâ€“Parkinsonâ€“White Syndrome. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	6
43	Allometric versus ratiometric normalization of left ventricular stroke volume by Doppler-echocardiography for outcome prediction in severe aortic stenosis with preserved ejection fraction. International Journal of Cardiology, 2020, 301, 235-241.	1.7	6
44	Early surgery versus watchful waiting for asymptomatic severe aortic valve stenosis: a hot topic for the past 20â€…years. Heart, 2017, 103, 258-259.	2.9	4
45	Myocardial Contraction Fraction for Risk Stratification in Low-Gradient Aortic Stenosis With Preserved Ejection Fraction. Circulation: Cardiovascular Imaging, 2021, 14, e012257.	2.6	4
46	Dynamic drug-induced organic mitral regurgitation during exercise echocardiography following chronic exposure to ergotamine. International Journal of Cardiology, 2015, 187, 106-108.	1.7	3
47	Clinical and prognostic implications of phenomapping in patients with heart failure receiving cardiac resynchronization therapy. Archives of Cardiovascular Diseases, 2021, 114, 197-210.	1.6	3
48	Surgical management of giant coronary aneurysms in Noonan syndrome. International Journal of Cardiology, 2016, 221, 107-109.	1.7	2
49	Acceleration Time in Aortic Stenosis. Circulation: Cardiovascular Imaging, 2021, 14, e012234.	2.6	2
50	Caseous necrosis of the mitral annulus: a new feature of drug-induced valvular heart disease? Case series. European Heart Journal - Case Reports, 2022, 6, ytab516.	0.6	2
51	David Procedure: A 21-year Experience With 300 Patients. Annals of Thoracic Surgery, 2023, 115, 1403-1410.	1.3	2
52	Significance of Left Ventricular Ejection Time in Primary Mitral Regurgitation. American Journal of Cardiology, 2022, 178, 97-105.	1.6	2
53	Deleterious effect of right ventricular pacing in patients with cardiac transthyretin amyloidosis: potential clinical benefit of cardiac resynchronization therapy. European Heart Journal - Case Reports, 2020, 4, 1-5.	0.6	1
54	Unexpected progression to high gradient in paradoxical low flow-low gradient aortic stenosis. International Journal of Cardiology, 2015, 178, 265-267.	1.7	0

#	Article	IF	Citations
55	Quantitative assessment of aortic regurgitation by Doppler echocardiography: Usefulness of the comparison of aortic and pulmonary flows. Echocardiography, 2017, 34, 1872-1881.	0.9	0
56	Subclinical Cardiac Dysfunction Is Associated With Extracardiac Organ Damages. Frontiers in Medicine, 2018, 5, 323.	2.6	0
57	Studies Evaluating Statin Adherence and Outcome Should Adjust for Smoking Persistence and Antiplatelet Treatment Discontinuation. JAMA Cardiology, 2019, 4, 832.	6.1	0
58	The Interplay between Left Ventricular Deformation, Flow, and Geometry in Aortic Stenosis. Journal of the American Society of Echocardiography, 2021, 34, 701-702.	2.8	0