Caroline Van de Heyning

List of Publications by Year
in descending order

54	2,106	430874	243625
papers	citations	18 h-index	44 g-index

55	55	55	2658
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Histopathological validation of semi-automated myocardial scar quantification techniques for dark-blood late gadolinium enhancement magnetic resonance imaging. European Heart Journal Cardiovascular Imaging, 2023, 24, 364-372.	1.2	2
2	Clinical presentation, disease course, and outcome of COVID-19 in hospitalized patients with and without pre-existing cardiac disease: a cohort study across 18 countries. European Heart Journal, 2022, 43, 1104-1120.	2.2	37
3	Computed tomography measured psoas muscle attenuation predicts mortality after transcatheter aortic valve implantation. Journal of Cardiovascular Medicine, 2022, 23, 60-68.	1.5	9
4	Mandibular advancement device treatment and reverse left ventricular hypertrophic remodeling in patients with obstructive sleep apnea. Journal of Clinical Sleep Medicine, 2022, 18, 903-909.	2.6	6
5	Dark-blood late gadolinium enhancement CMR improves detection of papillary muscle fibrosis in patients with mitral valve prolapse. European Journal of Radiology, 2022, 147, 110118.	2.6	7
6	Persistent microvascular obstruction-like lesion after ventricular tachycardia ablation detected by novel dark-blood late gadolinium enhancement. BJR|case Reports, 2022, 8, .	0.2	0
7	Immunomodulating Therapies in Acute Myocarditis and Recurrent/Acute Pericarditis. Frontiers in Medicine, 2022, 9, 838564.	2.6	24
8	Left Ventricular Remodeling in Non-syndromic Mitral Valve Prolapse: Volume Overload or Concomitant Cardiomyopathy?. Frontiers in Cardiovascular Medicine, 2022, 9, 862044.	2.4	6
9	Prevalence, Characteristics, and Outcomes of COVID-19â€“Associated Acute Myocarditis. Circulation, 2022, 145, 1123-1139.	1.6	118
10	Outcome of patients on heart transplant list treated with a continuous-flow left ventricular assist device: Insights from the TRans-Atlantic registry on VAd and TrAnsplant (TRAViATA). International Journal of Cardiology, 2021, 324, 122-130.	1.7	8
11	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. European Heart Journal, 2021, 42, 17-96.	2.2	830
12	Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction. JAMA - Journal of the American Medical Association, 2021, 325, 542.	7.4	144
13	Cardiovascular screening of athletes during the COVID-19 pandemic: The (ir)relevance of elevated cardiac troponins. International Journal of Cardiology, 2021, 326, 252-253.	1.7	2
14	Prognostic Value of Reduced Heart Rate Reserve during Exercise in Hypertrophic Cardiomyopathy. Journal of Clinical Medicine, 2021, 10, 1347.	2.4	6
15	Effect of Mitral Regurgitation on Thrombotic Risk in Patients With Nonrheumatic Atrial Fibrillation: A New CHA2DS2-VASc Score Risk Modifier?. American Journal of Cardiology, 2021, 145, 69-76.	1.6	4
16	Endurance exercise and the risk of cardiovascular pathology in men: a comparison between lifelong and late-onset endurance training and a non-athletic lifestyle - rationale and design of the Master@Heart study, a prospective cohort trial. BMJ Open Sport and Exercise Medicine, 2021, 7, e001048.	2.9	4
17	Histopathological Validation of Darkâ€Blood Late Gadolinium Enhancement MRI Without Additional Magnetization Preparation. Journal of Magnetic Resonance Imaging, 2021, , .	3.4	12
18	Dark-blood late gadolinium enhancement cardiovascular magnetic resonance for improved detection of subendocardial scar: a review of current techniques. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 96.	3.3	24

#	Article	IF	Citations
19	Postâ€discharge arrhythmic risk stratification of patients with acute myocarditis and lifeâ€threatening ventricular tachyarrhythmias. European Journal of Heart Failure, 2021, 23, 2045-2054.	7.1	17
20	Annular Dynamics in Patients With Atrial Fibrillation and AFMR. JACC: Cardiovascular Imaging, 2021, 15, 14-14.	5.3	0
21	Stress Echo 2030: The Novel ABCDE-(FGLPR) Protocol to Define the Future of Imaging. Journal of Clinical Medicine, 2021, 10, 3641.	2.4	33
22	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. JACC: Cardiovascular Imaging, 2021, 14, 1787-1799.	5.3	32
23	miR-181c level predicts response to exercise training in patients with heart failure and preserved ejection fraction: an analysis of the OptimEx-Clin trial. European Journal of Preventive Cardiology, 2021, 28, 1722-1733.	1.8	14
24	Cardiovascular implantable electronic device therapy in patients with left ventricular assist devices: insights from TRAViATA. International Journal of Cardiology, 2021, 340, 26-33.	1.7	4
25	Steadily Increasing Inversion Time Improves Blood Suppression for Free-Breathing 3D Late Gadolinium Enhancement MRI With Optimized Dark-Blood Contrast. Investigative Radiology, 2021, 56, 335-340.	6.2	14
26	Clinical and Hemodynamic Effects of Percutaneous Edge-to-Edge Mitral Valve Repair in Atrial Versus Ventricular Functional Mitral Regurgitation. American Journal of Cardiology, 2021, 161, 70-75.	1.6	10
27	Iron Deficiency Impacts Diastolic Function, Aerobic Exercise Capacity, and Patient Phenotyping in Heart Failure With Preserved Ejection Fraction: A Subanalysis of the OptimEx-Clin Study. Frontiers in Physiology, 2021, 12, 757268.	2.8	7
28	Long-term effect of atrial fibrillation on the evolution of mitral and tricuspid valve regurgitation. Acta Cardiologica, 2020, 75, 639-647.	0.9	4
29	Multicentric Atrial Strain COmparison between Two Different Modalities: MASCOT HIT Study. Diagnostics, 2020, 10, 946.	2.6	39
30	Viral genome search in myocardium of patients with fulminant myocarditis. European Journal of Heart Failure, 2020, 22, 1277-1280.	7.1	19
31	Left Ventricular End-Systolic Dimension and Outcome in Patients With Heart Failure Undergoing Percutaneous MitraClip Valve Repair for Secondary Mitral Regurgitation. American Journal of Cardiology, 2020, 126, 56-65.	1.6	12
32	Afterload Mismatch After MitraClip Implantation: Intraoperative Assessment and Prognostic Implications. Journal of Invasive Cardiology, 2020, 32, 88-93.	0.4	6
33	Left ventricular remodelling patterns after MitraClip implantation in patients with severe mitral valve regurgitation: mechanistic insights and prognostic implications. European Heart Journal Cardiovascular Imaging, 2019, 20, 307-313.	1.2	25
34	Fulminant Versus Acute Nonfulminant Myocarditis in Patients With LeftÂVentricular SystolicÂDysfunction. Journal of the American College of Cardiology, 2019, 74, 299-311.	2.8	148
35	Clinical value of dark-blood late gadolinium enhancement cardiovascular magnetic resonance without additional magnetization preparation. Journal of Cardiovascular Magnetic Resonance, 2019, 21, 44.	3.3	43
36	Is 3D Dobutamine stress echocardiography ready for prime time? Diagnostic and prognostic implications. European Heart Journal Cardiovascular Imaging, 2019, 21, 428-436.	1.2	1

#	Article	IF	Citations
37	Sex Differences in LVAD Implantation Strategies and Associated Outcomes from the TransAtlantic Registry on VAD and Transplant (TRAVIATA). Journal of Cardiac Failure, 2019, 25, S163.	1.7	0
38	MitraClip system as bridge to left ventricular assist device in selected patients with advanced heart failure. International Journal of Cardiology, 2019, 292, 160.	1.7	0
39	Prospective Study of Tricuspid Regurgitation Associated With Permanent Leads After Cardiac Rhythm Device Implantation. Canadian Journal of Cardiology, 2019, 35, 389-395.	1.7	33
40	Safety of centrifugal left ventricular assist device in patients previously treated with MitraClip system. International Journal of Cardiology, 2019, 283, 131-133.	1.7	15
41	Endothelial dysfunction and cellular repair in heart failure with preserved ejection fraction: response to a single maximal exercise bout. European Journal of Heart Failure, 2019, 21, 125-127.	7.1	12
42	Is Cardiac Magnetic Resonance Imaging the New â€œGold Standardâ€•for Quantitation of Mitral Regurgitation? A Critical Appraisal. Journal of the American Society of Echocardiography, 2019, 32, 163.	2.8	2
43	Impact of aerobic interval training and continuous training on left ventricular geometry and function: a SAINTEX-CAD substudy. International Journal of Cardiology, 2018, 257, 193-198.	1.7	18
44	Mechanism of Symptomatic Improvement After Percutaneous Therapy forÂSecondary Mitral Regurgitation. Journal of the American College of Cardiology, 2016, 68, 128-129.	2.8	9
45	Validation of transcatheter aortic valve implantation risk scores in relation to early and mid-term survival: a single-centre study. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 273-279.	1.1	15
46	Prospective study of tricuspid valve regurgitation associated with permanent leads in patients undergoing cardiac rhythm device implantation: Background, rationale, and design. Global Cardiology Science & Practice, 2015, 2015, 41.	0.4	11
47	Cardiovascular Benefits of Oral Appliance Therapy in Obstructive Sleep Apnea: A Systematic Review. Journal of Dental Sleep Medicine, 2015, , .	0.1	2
48	Late gadolinium enhancement CMR in primary mitral regurgitation. European Journal of Clinical Investigation, 2014, 44, 840-847.	3.4	29
49	Assessment of left ventricular volumes and primary mitral regurgitation severity by 2D echocardiography and cardiovascular magnetic resonance. Cardiovascular Ultrasound, 2013, 11, 46.	1.6	25
50	The role of multi-imaging modality in primary mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2012, 13, 139-151.	1.2	21
51	The importance of exercise echocardiography for clinical decision making in primary mitral regurgitation. Journal of Cardiovascular Medicine, 2012, 13, 260-265.	1.5	7
52	Prediction of Exercise Pulmonary Hypertension in Asymptomatic Degenerative Mitral Regurgitation. Journal of the American Society of Echocardiography, 2011, 24, 1004-1012.	2.8	20
53	Case report: Chest pain, intermittent left bundle branch block and negative T waves. International Journal of Cardiology, 2011, 147, 302-304.	1.7	3
54	Obstructive Sleep Apnea Syndrome. Journal of the American College of Cardiology, 2006, 47, 1433-1439.	2.8	213