

Caroline Van de Heyning

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,106
citations

430874

18
h-index

243625

44
g-index

55
all docs

55
docs citations

55
times ranked

2658
citing authors

#	ARTICLE	IF	CITATIONS
1	2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. <i>European Heart Journal</i> , 2021, 42, 17-96.	2.2	830
2	Obstructive Sleep Apnea Syndrome. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1433-1439.	2.8	213
3	Fulminant Versus Acute Nonfulminant Myocarditis in Patients With Left Ventricular Systolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2019, 74, 299-311.	2.8	148
4	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. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 542.	7.4	144
5	Prevalence, Characteristics, and Outcomes of COVID-19 Associated Acute Myocarditis. <i>Circulation</i> , 2022, 145, 1123-1139.	1.6	118
6	Clinical value of dark-blood late gadolinium enhancement cardiovascular magnetic resonance without additional magnetization preparation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2019, 21, 44.	3.3	43
7	Multicentric Atrial Strain COmparison between Two Different Modalities: MASCOT HIT Study. <i>Diagnostics</i> , 2020, 10, 946.	2.6	39
8	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. <i>European Heart Journal</i> , 2022, 43, 1104-1120.	2.2	37
9	Prospective Study of Tricuspid Regurgitation Associated With Permanent Leads After Cardiac Rhythm Device Implantation. <i>Canadian Journal of Cardiology</i> , 2019, 35, 389-395.	1.7	33
10	Stress Echo 2030: The Novel ABCDE-(FGLPR) Protocol to Define the Future of Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 3641.	2.4	33
11	Impact of COVID-19 on Cardiovascular Testing in the United States Versus the Rest of the World. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1787-1799.	5.3	32
12	Late gadolinium enhancement CMR in primary mitral regurgitation. <i>European Journal of Clinical Investigation</i> , 2014, 44, 840-847.	3.4	29
13	Assessment of left ventricular volumes and primary mitral regurgitation severity by 2D echocardiography and cardiovascular magnetic resonance. <i>Cardiovascular Ultrasound</i> , 2013, 11, 46.	1.6	25
14	Left ventricular remodelling patterns after MitraClip implantation in patients with severe mitral valve regurgitation: mechanistic insights and prognostic implications. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 307-313.	1.2	25
15	Dark-blood late gadolinium enhancement cardiovascular magnetic resonance for improved detection of subendocardial scar: a review of current techniques. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 96.	3.3	24
16	Immunomodulating Therapies in Acute Myocarditis and Recurrent/Acute Pericarditis. <i>Frontiers in Medicine</i> , 2022, 9, 838564.	2.6	24
17	The role of multi-imaging modality in primary mitral regurgitation. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 139-151.	1.2	21
18	Prediction of Exercise Pulmonary Hypertension in Asymptomatic Degenerative Mitral Regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 1004-1012.	2.8	20

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19	Viral genome search in myocardium of patients with fulminant myocarditis. <i>European Journal of Heart Failure</i> , 2020, 22, 1277-1280.	7.1	19
20	Impact of aerobic interval training and continuous training on left ventricular geometry and function: a SAINTEX-CAD substudy. <i>International Journal of Cardiology</i> , 2018, 257, 193-198.	1.7	18
21	Post-discharge arrhythmic risk stratification of patients with acute myocarditis and life-threatening ventricular tachyarrhythmias. <i>European Journal of Heart Failure</i> , 2021, 23, 2045-2054.	7.1	17
22	Validation of transcatheter aortic valve implantation risk scores in relation to early and mid-term survival: a single-centre study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 273-279.	1.1	15
23	Safety of centrifugal left ventricular assist device in patients previously treated with MitraClip system. <i>International Journal of Cardiology</i> , 2019, 283, 131-133.	1.7	15
24	miR-181c level predicts response to exercise training in patients with heart failure and preserved ejection fraction: an analysis of the OptimEx-Clin trial. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1722-1733.	1.8	14
25	Steadily Increasing Inversion Time Improves Blood Suppression for Free-Breathing 3D Late Gadolinium Enhancement MRI With Optimized Dark-Blood Contrast. <i>Investigative Radiology</i> , 2021, 56, 335-340.	6.2	14
26	Endothelial dysfunction and cellular repair in heart failure with preserved ejection fraction: response to a single maximal exercise bout. <i>European Journal of Heart Failure</i> , 2019, 21, 125-127.	7.1	12
27	Left Ventricular End-Systolic Dimension and Outcome in Patients With Heart Failure Undergoing Percutaneous MitraClip Valve Repair for Secondary Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2020, 126, 56-65.	1.6	12
28	Histopathological Validation of Dark-Blood Late Gadolinium Enhancement MRI Without Additional Magnetization Preparation. <i>Journal of Magnetic Resonance Imaging</i> , 2021, , .	3.4	12
29	Prospective study of tricuspid valve regurgitation associated with permanent leads in patients undergoing cardiac rhythm device implantation: Background, rationale, and design. <i>Global Cardiology Science & Practice</i> , 2015, 2015, 41.	0.4	11
30	Clinical and Hemodynamic Effects of Percutaneous Edge-to-Edge Mitral Valve Repair in Atrial Versus Ventricular Functional Mitral Regurgitation. <i>American Journal of Cardiology</i> , 2021, 161, 70-75.	1.6	10
31	Mechanism of Symptomatic Improvement After Percutaneous Therapy for Secondary Mitral Regurgitation. <i>Journal of the American College of Cardiology</i> , 2016, 68, 128-129.	2.8	9
32	Computed tomography measured psoas muscle attenuation predicts mortality after transcatheter aortic valve implantation. <i>Journal of Cardiovascular Medicine</i> , 2022, 23, 60-68.	1.5	9
33	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). <i>International Journal of Cardiology</i> , 2021, 324, 122-130.	1.7	8
34	The importance of exercise echocardiography for clinical decision making in primary mitral regurgitation. <i>Journal of Cardiovascular Medicine</i> , 2012, 13, 260-265.	1.5	7
35	Dark-blood late gadolinium enhancement CMR improves detection of papillary muscle fibrosis in patients with mitral valve prolapse. <i>European Journal of Radiology</i> , 2022, 147, 110118.	2.6	7
36	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. <i>Frontiers in Physiology</i> , 2021, 12, 757268.	2.8	7

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37	Prognostic Value of Reduced Heart Rate Reserve during Exercise in Hypertrophic Cardiomyopathy. <i>Journal of Clinical Medicine</i> , 2021, 10, 1347.	2.4	6
38	Mandibular advancement device treatment and reverse left ventricular hypertrophic remodeling in patients with obstructive sleep apnea. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 903-909.	2.6	6
39	Afterload Mismatch After MitraClip Implantation: Intraoperative Assessment and Prognostic Implications. <i>Journal of Invasive Cardiology</i> , 2020, 32, 88-93.	0.4	6
40	Left Ventricular Remodeling in Non-syndromic Mitral Valve Prolapse: Volume Overload or Concomitant Cardiomyopathy?. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 862044.	2.4	6
41	Long-term effect of atrial fibrillation on the evolution of mitral and tricuspid valve regurgitation. <i>Acta Cardiologica</i> , 2020, 75, 639-647.	0.9	4
42	Effect of Mitral Regurgitation on Thrombotic Risk in Patients With Nonrheumatic Atrial Fibrillation: A New CHA2DS2-VASc Score Risk Modifier?. <i>American Journal of Cardiology</i> , 2021, 145, 69-76.	1.6	4
43	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. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001048.	2.9	4
44	Cardiovascular implantable electronic device therapy in patients with left ventricular assist devices: insights from TRAVIATA. <i>International Journal of Cardiology</i> , 2021, 340, 26-33.	1.7	4
45	Case report: Chest pain, intermittent left bundle branch block and negative T waves. <i>International Journal of Cardiology</i> , 2011, 147, 302-304.	1.7	3
46	Is Cardiac Magnetic Resonance Imaging the New "Gold Standard" for Quantitation of Mitral Regurgitation? A Critical Appraisal. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 163.	2.8	2
47	Cardiovascular screening of athletes during the COVID-19 pandemic: The (ir)relevance of elevated cardiac troponins. <i>International Journal of Cardiology</i> , 2021, 326, 252-253.	1.7	2
48	Cardiovascular Benefits of Oral Appliance Therapy in Obstructive Sleep Apnea: A Systematic Review. <i>Journal of Dental Sleep Medicine</i> , 2015, , .	0.1	2
49	Histopathological validation of semi-automated myocardial scar quantification techniques for dark-blood late gadolinium enhancement magnetic resonance imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2023, 24, 364-372.	1.2	2
50	Is 3D Dobutamine stress echocardiography ready for prime time? Diagnostic and prognostic implications. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 21, 428-436.	1.2	1
51	Sex Differences in LVAD Implantation Strategies and Associated Outcomes from the TransAtlantic Registry on VAD and Transplant (TRAVIATA). <i>Journal of Cardiac Failure</i> , 2019, 25, S163.	1.7	0
52	MitraClip system as bridge to left ventricular assist device in selected patients with advanced heart failure. <i>International Journal of Cardiology</i> , 2019, 292, 160.	1.7	0
53	Annular Dynamics in Patients With Atrial Fibrillation and AFMR. <i>JACC: Cardiovascular Imaging</i> , 2021, 15, 14-14.	5.3	0
54	Persistent microvascular obstruction-like lesion after ventricular tachycardia ablation detected by novel dark-blood late gadolinium enhancement. <i>BJR case Reports</i> , 2022, 8, .	0.2	0