

Emeline M Van Craenenbroeck

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,478
citations

201575

27
h-index

206029

48
g-index

61
all docs

61
docs citations

61
times ranked

3923
citing authors

#	ARTICLE	IF	CITATIONS
1	How to establish causality between physical inactivity and mortality?. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e266-e267.	0.8	5
2	Diagnostic yield of genetic testing in heart transplant recipients with prior cardiomyopathy. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 1218-1227.	0.3	7
3	Impact of different training modalities on high-density lipoprotein function in HFpEF patients: a substudy of the OptimEx trial. <i>ESC Heart Failure</i> , 2022, 9, 3019-3030.	1.4	3
4	Acetazolamide in Decompensated Heart Failure with Volume Overload trial (<scp>ADVOR</scp>): baseline characteristics. <i>European Journal of Heart Failure</i> , 2022, 24, 1601-1610.	2.9	18
5	Peak $\dot{V}O_2$ pulse predicts exercise training-induced changes in peak $\dot{V}O_2$ in heart failure with preserved ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 3393-3406.	1.4	3
6	Exercise testing in heart failure with preserved ejection fraction: an appraisal through diagnosis, pathophysiology and therapy—A clinical consensus statement of the Heart Failure Association and European Association of Preventive Cardiology of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2022, 24, 1327-1345.	2.9	42
7	Exercise training in women with cardiovascular disease: Differential response and barriers – review and perspective. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 779-790.	0.8	39
8	Endothelialitis plays a central role in the pathophysiology of severe COVID-19 and its cardiovascular complications. <i>Acta Cardiologica</i> , 2021, 76, 109-124.	0.3	42
9	Measuring physical activity with activity monitors in patients with heart failure: from literature to practice. A position paper from the Committee on Exercise Physiology and Training of the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , 2021, 23, 83-91.	2.9	17
10	Sleep deprivation and increased cardiovascular risk: A wake-up call!. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 187-188.	0.8	1
11	Circulating microRNA as predictors for exercise response in heart failure with reduced ejection fraction. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 1673-1681.	0.8	10
12	Doxorubicin induces arterial stiffness: A comprehensive in vivo and ex vivo evaluation of vascular toxicity in mice. <i>Toxicology Letters</i> , 2021, 346, 23-33.	0.4	15
13	Plasma-Derived microRNAs Are Influenced by Acute and Chronic Exercise in Patients With Heart Failure With Reduced Ejection Fraction. <i>Frontiers in Physiology</i> , 2021, 12, 736494.	1.3	5
14	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.	0.8	14
15	Towards a personalised approach in exercise-based cardiovascular rehabilitation: How can translational research help? A “call to action” from the Section on Secondary Prevention and Cardiac Rehabilitation of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 1369-1385.	0.8	43
16	Recurrent acute coronary syndrome, polymorphic premature ventricular complexes and a son with a (mis)diagnosis of multiple sclerosis. <i>Acta Cardiologica</i> , 2020, 75, 467-468.	0.3	0
17	The role of endothelial miRNAs in myocardial biology and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 138, 75-87.	0.9	20
18	Baseline and Exercise Predictors of $\dot{V}E_{\text{TM}}\text{O}_2$ peak in Systolic Heart Failure Patients: Results from SMARTEX-HF. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 810-819.	0.2	13

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19	Compound Heterozygous SCN5A Mutations in Severe Sodium Channelopathy With Brugada Syndrome: A Case Report. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 117.	1.1	3
20	INSPIRE: A European training network to foster research and training in cardiovascular safety pharmacology. <i>Journal of Pharmacological and Toxicological Methods</i> , 2020, 105, 106889.	0.3	4
21	A mutation update for the <i>FLNC</i> gene in myopathies and cardiomyopathies. <i>Human Mutation</i> , 2020, 41, 1091-1111.	1.1	92
22	Heart Failure With Preserved Ejection Fraction: A Review of Cardiac and Noncardiac Pathophysiology. <i>Frontiers in Physiology</i> , 2019, 10, 638.	1.3	87
23	Confirmation of the role of pathogenic SMAD6 variants in bicuspid aortic valve-related aortopathy. <i>European Journal of Human Genetics</i> , 2019, 27, 1044-1053.	1.4	32
24	Predictors of response to exercise training in patients with coronary artery disease – a subanalysis of the SAINTEX-CAD study. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1158-1163.	0.8	26
25	Low-flow mediated constriction as a marker of endothelial function in healthy pregnancy and preeclampsia: A pilot study. <i>Pregnancy Hypertension</i> , 2019, 17, 75-81.	0.6	14
26	Cardiogeneticsbank@UZA: A Collection of DNA, Tissues, and Cell Lines as a Translational Tool. <i>Frontiers in Medicine</i> , 2019, 6, 198.	1.2	1
27	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.	2.9	12
28	A Multi-Center Comparison of O2peak Trainability Between Interval Training and Moderate Intensity Continuous Training. <i>Frontiers in Physiology</i> , 2019, 10, 19.	1.3	75
29	MicroRNA Isolation from Plasma for Real-Time qPCR Array. <i>Current Protocols in Human Genetics</i> , 2018, 99, e69.	3.5	4
30	Oxidative stress in healthy pregnancy and preeclampsia is linked to chronic inflammation, iron status and vascular function. <i>PLoS ONE</i> , 2018, 13, e0202919.	1.1	112
31	MicroRNA profiling in plasma samples using qPCR arrays: Recommendations for correct analysis and interpretation. <i>PLoS ONE</i> , 2018, 13, e0193173.	1.1	49
32	Effectiveness of cardiovascular implantable electronic devices with a defibrillator component therapy according to ventricular assist device implant strategy: data from the PCHF-VAD registry. <i>Cardiologia Croatica</i> , 2018, 13, 358-360.	0.0	0
33	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2017, 135, 839-849.	1.6	297
34	Endothelial Senescence Contributes to Heart Failure With Preserved Ejection Fraction in an Aging Mouse Model. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	112
35	Accelerated cellular senescence as underlying mechanism for functionally impaired bone marrow-derived progenitor cells in ischemic heart disease. <i>Atherosclerosis</i> , 2017, 260, 138-146.	0.4	10
36	Targeting Endothelial Function to Treat Heart Failure with Preserved Ejection Fraction: The Promise of Exercise Training. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-17.	1.9	43

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37	Endothelial progenitor cells and cardiovascular risk: does ageing trump all other factors?. <i>Annals of Translational Medicine</i> , 2016, 4, 553-553.	0.7	7
38	Impaired vascular function contributes to exercise intolerance in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 2064-2072.	0.4	50
39	Improving stem cell therapy in cardiovascular diseases: the potential role of microRNA. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H207-H218.	1.5	7
40	Red cell distribution width improves the prediction of prognosis after transcatheter aortic valve implantation. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 471-477.	0.6	18
41	The long-term effects of a randomized trial comparing aerobic interval versus continuous training in coronary artery disease patients: 1-year data from the SAINTEX-CAD study. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 1154-1164.	0.8	55
42	A critical view of monocyte subpopulations in human hypercholesterolemia. <i>Atherosclerosis</i> , 2016, 246, 382-384.	0.4	2
43	Reply to Kadanet al.. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 1297.2-1298.	0.6	0
44	Effects of aerobic interval training and continuous training on cellular markers of endothelial integrity in coronary artery disease: a SAINTEX-CAD substudy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H1876-H1882.	1.5	41
45	Plasma levels of microRNA in chronic kidney disease: patterns in acute and chronic exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H2008-H2016.	1.5	44
46	Bone matrix vesicle-bound alkaline phosphatase for the assessment of peripheral blood admixture to human bone marrow aspirates. <i>Clinica Chimica Acta</i> , 2015, 446, 253-260.	0.5	6
47	Effect of Moderate Aerobic Exercise Training on Endothelial Function and Arterial Stiffness in CKD Stages 3-4: A Randomized Controlled Trial. <i>American Journal of Kidney Diseases</i> , 2015, 66, 285-296.	2.1	80
48	Telerehab III: a multi-center randomized, controlled trial investigating the long-term effectiveness of a comprehensive cardiac telerehabilitation program - Rationale and study design. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 29.	0.7	18
49	Aerobic interval training and continuous training equally improve aerobic exercise capacity in patients with coronary artery disease: The SAINTEX-CAD study. <i>International Journal of Cardiology</i> , 2015, 179, 203-210.	0.8	234
50	Medium-Term Effectiveness of a Comprehensive Internet-Based and Patient-Specific Telerehabilitation Program With Text Messaging Support for Cardiac Patients: Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2015, 17, e185.	2.1	140
51	Acute Exercise-Induced Response of Monocyte Subtypes in Chronic Heart and Renal Failure. <i>Mediators of Inflammation</i> , 2014, 2014, 1-11.	1.4	23
52	The Endothelium, A Protagonist in the Pathophysiology of Critical Illness: Focus on Cellular Markers. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	28
53	Optimising exercise training in prevention and treatment of diastolic heart failure (OptimEx-CLIN): rationale and design of a prospective, randomised, controlled trial. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 18-25.	0.8	61
54	Levels of Circulating CD34+/KDR+ Cells Do Not Predict Coronary In-Stent Restenosis. <i>Canadian Journal of Cardiology</i> , 2014, 30, 102-108.	0.8	7

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55	Vascular Effects of Exercise Training in CKD. Clinical Journal of the American Society of Nephrology: CJASN, 2014, 9, 1305-1318.	2.2	36
56	Mending injured endothelium in chronic heart failure: A new target for exercise training. International Journal of Cardiology, 2013, 166, 310-314.	0.8	17
57	Unraveling new mechanisms of exercise intolerance in chronic heart failure. Role of exercise training. Heart Failure Reviews, 2013, 18, 65-77.	1.7	50
58	Quantification of circulating CD34+/KDR+/CD45dim endothelial progenitor cells: Analytical considerations. International Journal of Cardiology, 2013, 167, 1688-1695.	0.8	59
59	Exercise training improves function of circulating angiogenic cells in patients with chronic heart failure. Basic Research in Cardiology, 2010, 105, 665-676.	2.5	102
60	Exercise acutely reverses dysfunction of circulating angiogenic cells in chronic heart failure. European Heart Journal, 2010, 31, 1924-1934.	1.0	71
61	Endothelial progenitor cells in vascular health: Focus on lifestyle. Microvascular Research, 2010, 79, 184-192.	1.1	52