

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 | High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2017, 135, 839-849. | 1.6 | 297 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | Exercise training improves function of circulating angiogenic cells in patients with chronic heart failure. <i>Basic Research in Cardiology</i> , 2010, 105, 665-676. | 2.5 | 102 |
| 7 | A mutation update for the <i>FLNC</i> gene in myopathies and cardiomyopathies. <i>Human Mutation</i> , 2020, 41, 1091-1111. | 1.1 | 92 |
| 8 | Heart Failure With Preserved Ejection Fraction: A Review of Cardiac and Noncardiac Pathophysiology. <i>Frontiers in Physiology</i> , 2019, 10, 638. | 1.3 | 87 |
| 9 | 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 |
| 10 | 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 |
| 11 | Exercise acutely reverses dysfunction of circulating angiogenic cells in chronic heart failure. <i>European Heart Journal</i> , 2010, 31, 1924-1934. | 1.0 | 71 |
| 12 | 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 |
| 13 | Quantification of circulating CD34+/KDR+/CD45dim endothelial progenitor cells: Analytical considerations. <i>International Journal of Cardiology</i> , 2013, 167, 1688-1695. | 0.8 | 59 |
| 14 | 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 |
| 15 | Endothelial progenitor cells in vascular health: Focus on lifestyle. <i>Microvascular Research</i> , 2010, 79, 184-192. | 1.1 | 52 |
| 16 | Unraveling new mechanisms of exercise intolerance in chronic heart failure. Role of exercise training. <i>Heart Failure Reviews</i> , 2013, 18, 65-77. | 1.7 | 50 |
| 17 | Impaired vascular function contributes to exercise intolerance in chronic kidney disease. <i>Nephrology Dialysis Transplantation</i> , 2016, 31, 2064-2072. | 0.4 | 50 |
| 18 | MicroRNA profiling in plasma samples using qPCR arrays: Recommendations for correct analysis and interpretation. <i>PLoS ONE</i> , 2018, 13, e0193173. | 1.1 | 49 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | Exercise testing in heart failure with preserved ejection fraction: an appraisal through diagnosis, pathophysiology and therapy—AA 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Vascular Effects of Exercise Training in CKD. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2014, 9, 1305-1318. | 2.2 | 36 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Acetazolamide in Decompensated Heart Failure with Volume Overload trial (<sc>ADVOR</sc>): baseline characteristics. <i>European Journal of Heart Failure</i> , 2022, 24, 1601-1610. | 2.9 | 18 |
| 35 | Mending injured endothelium in chronic heart failure: A new target for exercise training. <i>International Journal of Cardiology</i> , 2013, 166, 310-314. | 0.8 | 17 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Baseline and Exercise Predictors of V̇ TM 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | How to establish causality between physical inactivity and mortality?. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e266-e267. | 0.8 | 5 |
| 51 | MicroRNA Isolation from Plasma for Real-Time qPCR Array. <i>Current Protocols in Human Genetics</i> , 2018, 99, e69. | 3.5 | 4 |
| 52 | 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 |
| 53 | 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 |
| 54 | 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 |

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|----|--|-----|-----------|
| 55 | Peak O ₂ pulse predicts exercise training-induced changes in peak V̇O ₂ in heart failure with preserved ejection fraction. ESC Heart Failure, 2022, 9, 3393-3406. | 1.4 | 3 |
| 56 | A critical view of monocyte subpopulations in human hypercholesterolemia. Atherosclerosis, 2016, 246, 382-384. | 0.4 | 2 |
| 57 | Cardiogeneticsbank@UZA: A Collection of DNA, Tissues, and Cell Lines as a Translational Tool. Frontiers in Medicine, 2019, 6, 198. | 1.2 | 1 |
| 58 | Sleep deprivation and increased cardiovascular risk: A wake-up call!. European Journal of Preventive Cardiology, 2021, 28, 187-188. | 0.8 | 1 |
| 59 | Reply to Kadanet al.. European Journal of Cardio-thoracic Surgery, 2016, 49, 1297.2-1298. | 0.6 | 0 |
| 60 | Recurrent acute coronary syndrome, polymorphic premature ventricular complexes and a son with a (mis)diagnosis of multiple sclerosis. Acta Cardiologica, 2020, 75, 467-468. | 0.3 | 0 |
| 61 | Effectiveness of cardiovascular implantable electronic devices with a defibrillator component therapy according to ventricular assist device implant strategy: data from the PCHF-VAD registry. Cardiologia Croatica, 2018, 13, 358-360. | 0.0 | 0 |