

Vronique A Cornelissen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

2,740⁰
citations

23
h-index

52
g-index

85
ext. papers

3,522
ext. citations

3.5
avg, IF

5.61
L-index

#	Paper	IF	Citations
73	Exercise training for blood pressure: a systematic review and meta-analysis. <i>Journal of the American Heart Association</i> , 2013 , 2, e004473	6	724
72	Impact of resistance training on blood pressure and other cardiovascular risk factors: a meta-analysis of randomized, controlled trials. <i>Hypertension</i> , 2011 , 58, 950-8	8.5	343
71	Effect of resistance training on resting blood pressure: a meta-analysis of randomized controlled trials. <i>Journal of Hypertension</i> , 2005 , 23, 251-9	1.9	252
70	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, 203-10	3.2	171
69	Endurance exercise beneficially affects ambulatory blood pressure: a systematic review and meta-analysis. <i>Journal of Hypertension</i> , 2013 , 31, 639-48	1.9	130
68	The European Association of Preventive Cardiology Exercise Prescription in Everyday Practice and Rehabilitative Training (EXPERT) tool: A digital training and decision support system for optimized exercise prescription in cardiovascular disease. Concept, definitions and construction methodology. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 1017-1031	3.9	84
67	The blood pressure-lowering effect of a single bout of resistance exercise: A systematic review and meta-analysis of randomised controlled trials. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1700-1714	3.9	76
66	Exercise Prescription in Patients with Different Combinations of Cardiovascular Disease Risk Factors: A Consensus Statement from the EXPERT Working Group. <i>Sports Medicine</i> , 2018 , 48, 1781-1797	10.6	67
65	Influence of exercise at lower and higher intensity on blood pressure and cardiovascular risk factors at older age. <i>Journal of Hypertension</i> , 2009 , 27, 753-62	1.9	64
64	The future is now: a call for action for cardiac telerehabilitation in the COVID-19 pandemic from the secondary prevention and rehabilitation section of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 524-540	3.9	56
63	Cardiac patients show high interest in technology enabled cardiovascular rehabilitation. <i>BMC Medical Informatics and Decision Making</i> , 2016 , 16, 95	3.6	53
62	Exercise-based cardiac rehabilitation improves endothelial function assessed by flow-mediated dilation but not by pulse amplitude tonometry. <i>European Journal of Preventive Cardiology</i> , 2014 , 21, 39-48	3.9	39
61	Accuracy of Apple Watch Measurements for Heart Rate and Energy Expenditure in Patients With Cardiovascular Disease: Cross-Sectional Study. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e11889	5.5	38
60	Effects of isometric resistance training on resting blood pressure: individual participant data meta-analysis. <i>Journal of Hypertension</i> , 2019 , 37, 1927-1938	1.9	35
59	Longer-term effects of home-based exercise interventions on exercise capacity and physical activity in coronary artery disease patients: A systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2017 , 24, 244-256	3.9	33
58	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, 1154-64	3.9	32
57	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, H1876-82	5.2	30

56	Validity of heart rate measurements by the Garmin Forerunner 225 at different walking intensities. <i>Journal of Medical Engineering and Technology</i> , 2017 , 41, 480-485	1.8	28
55	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	3.9	28
54	The oxygen uptake efficiency slope in 1411 Caucasian healthy men and women aged 20-60 years: reference values. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 356-63	3.9	26
53	C-reactive protein during and after myocardial infarction in relation to cardiac injury and left ventricular function at follow-up. <i>Clinical Cardiology</i> , 2018 , 41, 1201-1206	3.3	26
52	Prognostic value of the oxygen uptake efficiency slope and other exercise variables in patients with coronary artery disease. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 237-44	3.9	25
51	Aerobic Interval vs. Continuous Training in Patients with Coronary Artery Disease or Heart Failure: An Updated Systematic Review and Meta-Analysis with a Focus on Secondary Outcomes. <i>Sports Medicine</i> , 2018 , 48, 1189-1205	10.6	25
50	Heart rate variability after heart transplantation: a 10-year longitudinal follow-up study. <i>Journal of Cardiology</i> , 2012 , 59, 220-4	3	23
49	Home-based exercise with telemonitoring guidance in patients with coronary artery disease: Does it improve long-term physical fitness?. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 367-377	3.9	23
48	Home-Based Rehabilitation With Telemonitoring Guidance for Patients With Coronary Artery Disease (Short-Term Results of the TRiCH Study): Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2018 , 20, e225	7.6	22
47	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	3.9	20
46	Exercise intensity and postexercise hypotension. <i>Journal of Hypertension</i> , 2004 , 22, 1859-61	1.9	19
45	The development and codesign of the PATHway intervention: a theory-driven eHealth platform for the self-management of cardiovascular disease. <i>Translational Behavioral Medicine</i> , 2019 , 9, 76-98	3.2	18
44	Computerized decision support for beneficial home-based exercise rehabilitation in patients with cardiovascular disease. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 162, 1-10	6.9	16
43	Self-reported physical activity behavior of a multi-ethnic adult population within the urban and rural setting in Suriname. <i>BMC Public Health</i> , 2015 , 15, 485	4.1	15
42	PATHway I: design and rationale for the investigation of the feasibility, clinical effectiveness and cost-effectiveness of a technology-enabled cardiac rehabilitation platform. <i>BMJ Open</i> , 2017 , 7, e016781 ³		14
41	Low-intensity isometric handgrip exercise has no transient effect on blood pressure in patients with coronary artery disease. <i>Journal of the American Society of Hypertension</i> , 2016 , 10, 633-9		13
40	Towards Optimized Care After Bariatric Surgery by Physical Activity and Exercise Intervention: a Review. <i>Obesity Surgery</i> , 2020 , 30, 1118-1125	3.7	12
39	Exercise intensity assessment and prescription in cardiovascular rehabilitation and beyond: why and how: a position statement from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2021 ,	3.9	12

38	Feasibility, Acceptability, and Clinical Effectiveness of a Technology-Enabled Cardiac Rehabilitation Platform (Physical Activity Toward Health-I): Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2020 , 22, e14221	7.6	11
37	Electronic Health Physical Activity Behavior Change Intervention to Self-Manage Cardiovascular Disease: Qualitative Exploration of Patient and Health Professional Requirements. <i>Journal of Medical Internet Research</i> , 2018 , 20, e163	7.6	11
36	Computerised decision support in physical activity interventions: A systematic literature review. <i>International Journal of Medical Informatics</i> , 2018 , 111, 7-16	5.3	10
35	ACE polymorphisms and the acute response of blood pressure to a walk in medicated hypertensive patients. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2015 , 16, 720-9	3	10
34	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	3.2	9
33	Prognostic value of the post-training oxygen uptake efficiency slope in patients with coronary artery disease. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1363-71	3.9	8
32	Exploring physical activity behaviour - needs for and interest in a technology-delivered, home-based exercise programme among patients with intermittent claudication. <i>Vasa - European Journal of Vascular Medicine</i> , 2018 , 47, 109-117	1.9	8
31	The effect of exercise training on blood pressure in African and Asian populations: A systematic review and meta-analysis of randomized controlled trials. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 457-472	3.9	8
30	Muscular strength and diameter as determinants of aerobic power and aerobic power response to exercise training in CAD patients. <i>Acta Cardiologica</i> , 2012 , 67, 399-406	0.9	7
29	Effectiveness of high intensity interval training supplemented with peripheral and inspiratory resistance training in chronic heart failure: a pilot study. <i>Acta Cardiologica</i> , 2020 , 75, 339-347	0.9	7
28	The Impact of Supervised Exercise Training on Traditional Cardiovascular Risk Factors in Patients With Intermittent Claudication: A Systematic Review and Meta-Analysis. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019 , 58, 75-87	2.3	6
27	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. <i>Journal of Human Hypertension</i> , 2021 , 35, 55-64	2.6	6
26	PATHway: Decision Support in Exercise Programmes for Cardiac Rehabilitation. <i>Studies in Health Technology and Informatics</i> , 2016 , 224, 40-5	0.5	6
25	Post-exercise Hypotension Following a Single Bout of High Intensity Interval Exercise vs. a Single Bout of Moderate Intensity Continuous Exercise in Adults With or Without Hypertension: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. <i>Frontiers in Physiology</i> , 2021 , 12, 675283	4.6	5
24	Sex Differences in Cardiometabolic Health Indicators after HIIT in Patients with Coronary Artery Disease. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1345-1355	1.2	5
23	Angiotensin converting enzyme 2 polymorphisms and postexercise hypotension in hypertensive medicated individuals. <i>Clinical Physiology and Functional Imaging</i> , 2018 , 38, 206-212	2.4	4
22	The Use of Near Infrared Spectroscopy to Evaluate the Effect of Exercise on Peripheral Muscle Oxygenation in Patients with Lower Extremity Artery Disease: A Systematic Review. <i>European Journal of Vascular and Endovascular Surgery</i> , 2021 , 61, 837-847	2.3	4
21	Are aerobic interval training and continuous training isocaloric in coronary artery disease patients?. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1486-95	3.9	4

20	The effect of aerobic interval training and continuous training on exercise capacity and its determinants. <i>Acta Cardiologica</i> , 2017 , 72, 328-340	0.9	3
19	A qualitative exploration of cardiovascular disease patients' views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project. <i>PLoS ONE</i> , 2020 , 15, e0235274	3.7	3
18	Physical activity and obesity: is there a difference in association between the Asian- and African-Surinamese adult population?. <i>Ethnicity and Health</i> , 2019 , 24, 365-377	2.2	3
17	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC; Secondary prevention and rehabilitation section) and European Heart Rhythm Association (EHRA). <i>European Journal of Preventive Cardiology</i> , 2021 , 26, e212	3.9	3
16	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC; Secondary prevention and rehabilitation section) and European Heart Rhythm Association (EHRA). <i>European Journal of Preventive Cardiology</i> , 2021 , 26, e212	3.9	2
15	Satisfaction and Acceptability of Telemonitored Home-Based Exercise in Patients With Intermittent Claudication: Pragmatic Observational Pilot Study. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2021 , 8, e18739	3.2	1
14	The role of cardiac rehabilitation in vocational reintegration Belgian working group of cardiovascular prevention and rehabilitation position paper. <i>Acta Cardiologica</i> , 2020 , 75, 388-397	0.9	1
13	Subclinical heart remodeling and dysfunction in relation to peripheral endothelial dysfunction: A general population study. <i>Microcirculation</i> , 2021 , 28, e12731	2.9	1
12	Transplantoux. Beyond the Successful Climb of Mont Ventoux: The Road to Sustained Physical Activity in Organ Transplantation. <i>Transplantation</i> , 2021 , 105, 471-473	1.8	0
11	Near infrared spectroscopy to evaluate the effect of a hybrid exercise programme on peripheral muscle metabolism in patients with intermittent claudication: an exploratory PROSECO-IC sub study.. <i>Journal of Sports Sciences</i> , 2022 , 1-11	3.6	0
10	Acute high-intensity interval exercise versus moderate-intensity continuous exercise in heated water-based on hemodynamic, cardiac autonomic, and vascular responses in older individuals with hypertension.. <i>Clinical and Experimental Hypertension</i> , 2022 , 1-9	2.2	0
9	The test-retest reliability and criterion validity of the Sensewear mini and Actiheart in two climatologically different countries. <i>Health and Technology</i> , 2019 , 9, 647-656	2.1	
8	Contemporary review of exercise in heart transplant recipients. <i>Transplantation Reviews</i> , 2021 , 35, 100597		
7	Physical activity correlates in children and adolescents with autism spectrum disorder: a systematic review. <i>Disability and Rehabilitation</i> , 2021 , 1-12	2.4	
6	A qualitative exploration of cardiovascular disease patients' views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project 2020 , 15, e0235274		
5	A qualitative exploration of cardiovascular disease patients' views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project 2020 , 15, e0235274		
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2 A qualitative exploration of cardiovascular disease patients' views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project **2020**, 15, e0235274

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