VÃ©ronique A Cornelissen

List of Publications by Year
in descending order

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Version: 2024-02-01

80 papers	4,229 citations	201385 27 h-index	118652 62 g-index
85 all docs	85 docs citations	85 times ranked	5608 citing authors

#	Article	IF	Citations
1	Exercise Training for Blood Pressure: A Systematic Review and Metaâ€analysis. Journal of the American Heart Association, 2013, 2, e004473.	1.6	1,059
2	Impact of Resistance Training on Blood Pressure and Other Cardiovascular Risk Factors. Hypertension, 2011, 58, 950-958.	1.3	436
3	Effect of resistance training on resting blood pressure: a meta-analysis of randomized controlled trials. Journal of Hypertension, 2005, 23, 251-259.	0.3	310
4	Aerobic interval training and continuous training equally improve aerobic exercise capacity in patients with coronary artery disease: The SAINTEX-CAD study. International Journal of Cardiology, 2015, 179, 203-210.	0.8	234
5	Endurance exercise beneficially affects ambulatory blood pressure. Journal of Hypertension, 2013, 31, 639-648.	0.3	173
6	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. European Journal of Preventive Cardiology, 2021, 28, 524-540.	0.8	146
7	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. European Journal of Preventive Cardiology, 2017, 24, 1017-1031.	0.8	141
8	Exercise Prescription in Patients with Different Combinations of Cardiovascular Disease Risk Factors: A Consensus Statement from the EXPERT Working Group. Sports Medicine, 2018, 48, 1781-1797.	3.1	126
9	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. European Journal of Preventive Cardiology, 2022, 29, 230-245.	0.8	111
10	The blood pressure-lowering effect of a single bout of resistance exercise: A systematic review and meta-analysis of randomised controlled trials. European Journal of Preventive Cardiology, 2016, 23, 1700-1714.	0.8	109
11	Accuracy of Apple Watch Measurements for Heart Rate and Energy Expenditure in Patients With Cardiovascular Disease: Cross-Sectional Study. JMIR MHealth and UHealth, 2019, 7, e11889.	1.8	97
12	Cardiac patients show high interest in technology enabled cardiovascular rehabilitation. BMC Medical Informatics and Decision Making, 2016, 16, 95.	1.5	81
13	Influence of exercise at lower and higher intensity on blood pressure and cardiovascular risk factors at older age. Journal of Hypertension, 2009, 27, 753-762.	0.3	80
14	Effects of isometric resistance training on resting blood pressure. Journal of Hypertension, 2019, 37, 1927-1938.	0.3	62
15	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. European Journal of Preventive Cardiology, 2016, 23, 1154-1164.	0.8	55
16	Home-based exercise with telemonitoring guidance in patients with coronary artery disease: Does it improve long-term physical fitness?. European Journal of Preventive Cardiology, 2020, 27, 367-377.	0.8	52
17	Home-Based Rehabilitation With Telemonitoring Guidance for Patients With Coronary Artery Disease (Short-Term Results of the TRiCH Study): Randomized Controlled Trial. Journal of Medical Internet Research, 2018, 20, e225.	2.1	51
18	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. European Journal of Preventive Cardiology, 2017, 24, 244-256.	0.8	50

#	ARTICLE	IF	CITATIONS
19	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. Sports Medicine, 2018, 48, 1189-1205.	3.1	50
20	Exercise-based cardiac rehabilitation improves endothelial function assessed by flow-mediated dilation but not by pulse amplitude tonometry*. European Journal of Preventive Cardiology, 2014, 21, 39-48.	0.8	48
21	Towards a personalised approach in exercise-based cardiovascular rehabilitation: How can translational research help? A â€˜call to actionâ€™ from the Section on Secondary Prevention and Cardiac Rehabilitation of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 2020, 27, 1369-1385.	0.8	43
22	Effects of aerobic interval training and continuous training on cellular markers of endothelial integrity in coronary artery disease: a SAINTEX-CAD substudy. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 309, H1876-H1882.	1.5	41
23	Validity of heart rate measurements by the Garmin Forerunner 225 at different walking intensities. Journal of Medical Engineering and Technology, 2017, 41, 480-485.	0.8	39
24	Prognostic value of the oxygen uptake efficiency slope and other exercise variables in patients with coronary artery disease. European Journal of Preventive Cardiology, 2016, 23, 237-244.	0.8	38
25	Câ€reactive protein during and after myocardial infarction in relation to cardiac injury and left ventricular function at followâ€up. Clinical Cardiology, 2018, 41, 1201-1206.	0.7	34
26	The development and codesign of the PATHway intervention: a theory-driven eHealth platform for the self-management of cardiovascular disease. Translational Behavioral Medicine, 2019, 9, 76-98.	1.2	33
27	The oxygen uptake efficiency slope in 1411 Caucasian healthy men and women aged 20â€“60 years: reference values. European Journal of Preventive Cardiology, 2015, 22, 356-363.	0.8	31
28	Towards Optimized Care After Bariatric Surgery by Physical Activity and Exercise Intervention: a Review. Obesity Surgery, 2020, 30, 1118-1125.	1.1	30
29	Heart rate variability after heart transplantation: A 10-year longitudinal follow-up study. Journal of Cardiology, 2012, 59, 220-224.	0.8	27
30	Predictors of response to exercise training in patients with coronary artery disease â€“ a subanalysis of the SAINTEX-CAD study. European Journal of Preventive Cardiology, 2019, 26, 1158-1163.	0.8	26
31	Computerized decision support for beneficial home-based exercise rehabilitation in patients with cardiovascular disease. Computer Methods and Programs in Biomedicine, 2018, 162, 1-10.	2.6	25
32	PATHway-I: Feasibility, acceptability and clinical effectiveness of a technology enabled cardiac rehabilitation platform. A randomized controlled trial. (Preprint). Journal of Medical Internet Research, 2020, 22, e14221.	2.1	24
33	PATHway I: design and rationale for the investigation of the feasibility, clinical effectiveness and cost-effectiveness of a technology-enabled cardiac rehabilitation platform. BMJ Open, 2017, 7, e016781.	0.8	22
34	Electronic Health Physical Activity Behavior Change Intervention to Self-Manage Cardiovascular Disease: Qualitative Exploration of Patient and Health Professional Requirements. Journal of Medical Internet Research, 2018, 20, e163.	2.1	22
35	Exercise intensity and postexercise hypotension. Journal of Hypertension, 2004, 22, 1859-1861.	0.3	21
36	Self-reported physical activity behavior of a multi-ethnic adult population within the urban and rural setting in Suriname. BMC Public Health, 2015, 15, 485.	1.2	20

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37	The effect of exercise training on blood pressure in African and Asian populations: A systematic review and meta-analysis of randomized controlled trials. European Journal of Preventive Cardiology, 2020, 27, 457-472.	0.8	19
38	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.	0.8	18
39	Low-intensity isometric handgrip exercise has no transient effect on blood pressure in patients with coronary artery disease. Journal of the American Society of Hypertension, 2016, 10, 633-639.	2.3	17
40	Exploring physical activity behaviour â€“ needs for and interest in a technology-delivered, home-based exercise programme among patients with intermittent claudication. Vasa - European Journal of Vascular Medicine, 2018, 47, 109-117.	0.6	15
41	ACE polymorphisms and the acute response of blood pressure to a walk in medicated hypertensive patients. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2015, 16, 720-729.	1.0	14
42	Prognostic value of the post-training oxygen uptake efficiency slope in patients with coronary artery disease. European Journal of Preventive Cardiology, 2016, 23, 1363-1371.	0.8	14
43	The Impact of Supervised Exercise Training on Traditional Cardiovascular Risk Factors in Patients With Intermittent Claudication: A Systematic Review and Meta-Analysis. European Journal of Vascular and Endovascular Surgery, 2019, 58, 75-87.	0.8	14
44	Effectiveness of high intensity interval training supplemented with peripheral and inspiratory resistance training in chronic heart failure: a pilot study. Acta Cardiologica, 2020, 75, 339-347.	0.3	14
45	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. European Journal of Vascular and Endovascular Surgery, 2021, 61, 837-847.	0.8	14
46	Impact of age, sex and heart rate variability on the acute cardiovascular response to isometric handgrip exercise. Journal of Human Hypertension, 2021, 35, 55-64.	1.0	14
47	A qualitative exploration of cardiovascular disease patientsâ€™ views and experiences with an eHealth cardiac rehabilitation intervention: The PATHway Project. PLoS ONE, 2020, 15, e0235274.	1.1	13
48	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. Frontiers in Physiology, 2021, 12, 675289.	1.3	13
49	Computerised decision support in physical activity interventions: A systematic literature review. International Journal of Medical Informatics, 2018, 111, 7-16.	1.6	11
50	Sex Differences in Cardiometabolic Health Indicators after HIIT in Patients with Coronary Artery Disease. Medicine and Science in Sports and Exercise, 2021, 53, 1345-1355.	0.2	9
51	Muscular strength and diameter as determinants of aerobic power and aerobic power response to exercise training in CAD patients. Acta Cardiologica, 2012, 67, 399-406.	0.3	8
52	The effect of aerobic interval training and continuous training on exercise capacity and its determinants. Acta Cardiologica, 2017, 72, 328-340.	0.3	8
53	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC;) Tj ETQq1 1 0.784314 rgBT /Overlo European Journal of Preventive Cardiology, 2021, 28, 1736-1752.	0.8	8
54	PATHway: Decision Support in Exercise Programmes for Cardiac Rehabilitation. Studies in Health Technology and Informatics, 2016, 224, 40-5.	0.2	8

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55	Physical Activity Behaviour in Solid Organ Transplant Recipients: Proposal of Theory-Driven Physical Activity Interventions. Kidney and Dialysis, 2022, 2, 298-329.	0.5	6
56	Are aerobic interval training and continuous training isocaloric in coronary artery disease patients?. European Journal of Preventive Cardiology, 2016, 23, 1486-1495.	0.8	5
57	Angiotensin converting enzyme 2 polymorphisms and postexercise hypotension in hypertensive medicated individuals. Clinical Physiology and Functional Imaging, 2018, 38, 206-212.	0.5	5
58	Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC;) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Europace, 2021, 23, 1336-1337o.	0.7	5
59	Physical activity and obesity: is there a difference in association between the Asian- and African-Surinamese adult population?. Ethnicity and Health, 2019, 24, 365-377.	1.5	4
60	Satisfaction and Acceptability of Telemonitored Home-Based Exercise in Patients With Intermittent Claudication: Pragmatic Observational Pilot Study. JMIR Rehabilitation and Assistive Technologies, 2021, 8, e18739.	1.1	4
61	Physical activity correlates in children and adolescents with autism spectrum disorder: a systematic review. Disability and Rehabilitation, 2022, 44, 6539-6550.	0.9	4
62	The role of cardiac rehabilitation in vocational reintegration Belgian working group of cardiovascular prevention and rehabilitation position paper. Acta Cardiologica, 2020, 75, 388-397.	0.3	3
63	Transplantoux. Beyond the Successful Climb of Mont Ventoux: The Road to Sustained Physical Activity in Organ Transplantation. Transplantation, 2021, 105, 471-473.	0.5	3
64	Contemporary review of exercise in heart transplant recipients. Transplantation Reviews, 2021, 35, 100597.	1.2	2
65	The test-retest reliability and criterion validity of the Sensewear mini and Actiheart in two climatologically different countries. Health and Technology, 2019, 9, 647-656.	2.1	1
66	Isometric exercise training for hypertension. The Cochrane Library, 2020, , .	1.5	1
67	Subclinical Heart Remodeling and Dysfunction in Relation to Peripheral Endothelial Dysfunction: a general population study. Microcirculation, 2021, 28, e12731.	1.0	1
68	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. Journal of Sports Sciences, 2022, , 1-11.	1.0	1
69	NAct: The Nutrition & Activity Ontology for Healthy Living. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	1
70	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. Clinical and Experimental Hypertension, 2022, , 1-9.	0.5	1
71	MO590: A Home-Based Exercise and Physical Activity Intervention After Kidney Transplantation: Impact of Exercise Intensity. The Phoenix-Kidney Study Protocol. Nephrology Dialysis Transplantation, 2022, 37, .	0.4	1
72	Physical inactivity after valve surgery is associated with increased mortality. Where do we go from here?. European Journal of Preventive Cardiology, 2020, , 2047487320912897.	0.8	0

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73	Cardiorespiratory fitness in patients with lower extremity artery disease? It takes more than just some steps!. European Journal of Preventive Cardiology, 2021, , .	0.8	0
74	Title is missing!. , 2020, 15, e0235274.		0
75	Title is missing!. , 2020, 15, e0235274.		0
76	Title is missing!. , 2020, 15, e0235274.		0
77	Title is missing!. , 2020, 15, e0235274.		0
78	Title is missing!. , 2020, 15, e0235274.		0
79	Title is missing!. , 2020, 15, e0235274.		0
80	Introducing the new Task Force on Cardiovascular Risk Factors of the European Association of Preventive Cardiology. European Journal of Preventive Cardiology, 0, , .	0.8	0