

# Dominique D Hansen

## List of Publications by Year in descending order

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Version: 2024-02-01

156  
papers

8,522  
citations

101543

36  
h-index

51608

86  
g-index

160  
all docs

160  
docs citations

160  
times ranked

10936  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Cycling: how can we activate care-dependent older adults with a mild cognitive impairment?. <i>Disability and Rehabilitation: Assistive Technology</i> , 2023, 18, 896-903.  | 2.2 | 1         |
| 2  | Chronotropic incompetence is more frequent in obese adolescents and relates to systemic inflammation and exercise intolerance. <i>Journal of Sport and Health Science</i> , 2023, 12, 194-201.   | 6.5 | 7         |
| 3  | 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> , 2022, 29, 230-245.             | 1.8 | 111       |
| 4  | Exercise training effects on metabolic and ventilatory changes in heart failure patients with exercise oscillatory ventilation: systematic review and meta-analysis. <i>European Journal of Preventive Cardiology</i> , 2022, 29, e233-e236.   | 1.8 | 6         |
| 5  | Muscle-Skeletal Abnormalities and Muscle Oxygenation during Isokinetic Strength Exercise in Heart Failure with Preserved Ejection Fraction Phenotype: A Cross-Sectional Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 709.   | 2.6 | 1         |
| 6  | Impact of continuous vs. interval training on oxygen extraction and cardiac function during exercise in type 2 diabetes mellitus. <i>European Journal of Applied Physiology</i> , 2022, 122, 875-887.  | 2.5 | 8         |
| 7  | The need for long-term personalized management of frail CVD patients by rehabilitation and telemonitoring: A framework. <i>Trends in Cardiovascular Medicine</i> , 2022, , .   | 4.9 | 5         |
| 8  | Frailty Test Battery Development including Physical, Socio-Psychological and Cognitive Domains for Cardiovascular Disease Patients: A Preliminary Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 1926.   | 2.4 | 4         |
| 9  | Impact of Exercise Modalities on Peripheral and Central Components of Cardiorespiratory Capacity in Heart Transplantation Patients: A Systematic Review and Meta-Analysis. <i>Medicina (Lithuania)</i> , 2022, 58, 32.   | 2.0 | 2         |
| 10 | The CoroPrevention-SDM Approach: A Technology-supported Shared Decision Making Approach for a Comprehensive Secondary Prevention Program for Cardiac Patients. , 2022, , .   |     | 1         |
| 11 | Artificial Intelligence and Data-Driven Rehabilitation: The Next Frontier in the Management of Cardiometabolic Disorders. <i>Archives of Physical Medicine and Rehabilitation</i> , 2022, 103, 1693-1695.  | 0.9 | 3         |
| 12 | Exercise training for cardiovascular patients: Push me across the threshold!. <i>International Journal of Cardiology Cardiovascular Risk and Prevention</i> , 2022, 14, 200133.  | 1.1 | 1         |
| 13 | A Mobile Application to Perform the Six-Minute Walk Test (6MWT) at Home: A Random Walk in the Park Is as Accurate as a Standardized 6MWT. <i>Sensors</i> , 2022, 22, 4277.   | 3.8 | 7         |
| 14 | Sensitivity and specificity of different exercise oscillatory ventilation definitions to predict 2-year major adverse cardiovascular outcomes in chronic heart failure patients. <i>International Journal of Cardiology</i> , 2022, 360, 39-43.  | 1.7 | 5         |
| 15 | Clinician approach to cardiopulmonary exercise testing for exercise prescription in patients at risk of and with cardiovascular disease. <i>British Journal of Sports Medicine</i> , 2022, 56, 1180-1187.  | 6.7 | 16        |
| 16 | How do General Practitioners assess physical activity and prescribe exercise in patients with different cardiovascular diseases? An Italian pilot study. <i>European Journal of Preventive Cardiology</i> , 2021, 28, e20-e24.   | 1.8 | 15        |
| 17 | Secondary prevention through comprehensive cardiovascular rehabilitation: From knowledge to implementation. 2020 update. A position paper from the Secondary Prevention and Rehabilitation Section of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 460-495. | 1.8 | 388       |
| 18 | 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.  | 1.8 | 146       |

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|----|---|------|-----------|
| 19 | Frailty is highly prevalent in specific cardiovascular diseases and females, but significantly worsens prognosis in all affected patients: A systematic review. <i>Ageing Research Reviews</i> , 2021, 66, 101233.  | 10.9 | 40        |
| 20 | Critical Reappraisal of the Role and Importance of Exercise Intervention in the Treatment of Obesity in Adults. <i>Sports Medicine</i> , 2021, 51, 379-389.   | 6.5  | 16        |
| 21 | 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       |
| 22 | Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC); <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i><br><i>European Journal of Preventive Cardiology</i> , 2021, 28, 1736-1752.                      | 1.8  | 8         |
| 23 | Comprehensive multicomponent cardiac rehabilitation in cardiac implantable electronic devices recipients: a consensus document from the European Association of Preventive Cardiology (EAPC); <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i><br><i>Europace</i> , 2021, 23, 1336-1337o.  | 1.7  | 5         |
| 24 | Frailty in Acute and Chronic Coronary Syndrome Patients Entering Cardiac Rehabilitation. <i>Journal of Clinical Medicine</i> , 2021, 10, 1696.  | 2.4  | 24        |
| 25 | 2020 ESC Guidelines on sports cardiology and exercise in patients with cardiovascular disease. <i>Russian Journal of Cardiology</i> , 2021, 26, 4488.   | 1.4  | 12        |
| 26 | The importance of ventilatory thresholds to define aerobic exercise intensity in cardiac patients and healthy subjects. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1796-1808.  | 2.9  | 33        |
| 27 | High-intensity interval training versus progressive high-intensity circuit resistance training on endothelial function and cardiorespiratory fitness in heart failure: A preliminary randomized controlled trial. <i>PLoS ONE</i> , 2021, 16, e0257607.   | 2.5  | 14        |
| 28 | Cardiac Function is Preserved in Adolescents With Well-Controlled Type 1 Diabetes and a Normal Physical Fitness: A Cross-Sectional Study. <i>Canadian Journal of Diabetes</i> , 2021, 45, 718-724.e1.   | 0.8  | 3         |
| 29 | Asymptomatic type 2 diabetes mellitus display a reduced myocardial deformation but adequate response during exercise. <i>European Journal of Applied Physiology</i> , 2021, 121, 929-940.   | 2.5  | 4         |
| 30 | Delphi consensus recommendations on how to provide cardiovascular rehabilitation in the COVID-19 era. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 541-557.   | 1.8  | 20        |
| 31 | High Intensity Training Is an Effective Modality to Improve Long-Term Disability and Exercise Capacity in Chronic Nonspecific Low Back Pain: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10779.   | 2.6  | 10        |
| 32 | Aberrant Mechanical Efficiency during Exercise Relates to Metabolic Health and Exercise Intolerance in Adolescents with Obesity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10578.  | 2.6  | 2         |
| 33 | Computerized decision support for exercise prescription in cardiovascular rehabilitation: high hopes but still a long way to go. <i>European Journal of Preventive Cardiology</i> , 2021, 28, 569-571.  | 1.8  | 0         |
| 34 | Muscle wasting after coronary artery bypass graft surgery: impact on post-operative clinical status and effect of exercise-based rehabilitation. <i>Acta Cardiologica</i> , 2020, 75, 406-410.  | 0.9  | 8         |
| 35 | 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. | 1.8  | 43        |
| 36 | Exercise intervention in hospitalized heart failure patients, with emphasis on congestion-related complications: a review. <i>Heart Failure Reviews</i> , 2020, 25, 257-268.  | 3.9  | 9         |

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|----|--|-----|-----------|
| 37 | 2019 ESC Guidelines on diabetes, pre-diabetes, and cardiovascular diseases developed in collaboration with the EASD. <i>European Heart Journal</i> , 2020, 41, 255-323.  | 2.2 | 2,811     |
| 38 | Towards Optimized Care After Bariatric Surgery by Physical Activity and Exercise Intervention: a Review. <i>Obesity Surgery</i> , 2020, 30, 1118-1125.   | 2.1 | 30        |
| 39 | Endurance Exercise Intervention Is Beneficial to Kidney Function in a Rat Model of Isolated Abdominal Venous Congestion: a Pilot Study. <i>Journal of Cardiovascular Translational Research</i> , 2020, 13, 769-782.   | 2.4 | 2         |
| 40 | The importance of improving health literacy to lower cardiovascular risk in type 2 diabetes. <i>EClinicalMedicine</i> , 2020, 18, 100223.  | 7.1 | 0         |
| 41 | Impact of Exerciseâ€“Nutritional State Interactions in Patients with Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 720-728.  | 0.4 | 17        |
| 42 | High Intensity Training to Treat Chronic Nonspecific Low Back Pain: Effectiveness of Various Exercise Modes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2401.  | 2.4 | 22        |
| 43 | NK cells in human visceral adipose tissue contribute to obesityâ€“associated insulin resistance through lowâ€“grade inflammation. <i>Clinical and Translational Medicine</i> , 2020, 10, e192.   | 4.0 | 11        |
| 44 | High awareness of diabetes as a key cardiovascular risk factor among healthcare professionals but suboptimal treatment: Results from a survey of the European Association of Preventive Cardiology. <i>European Journal of Preventive Cardiology</i> , 2020, , 2047487320911845. | 1.8 | 4         |
| 45 | Exercise capacity is related to attenuated responses in oxygen extraction and left ventricular longitudinal strain in asymptomatic type 2 diabetes patients. <i>European Journal of Preventive Cardiology</i> , 2020, , .  | 1.8 | 5         |
| 46 | Phase III multidisciplinary exercise-based rehabilitation is associated with fewer hospitalizations due to adverse cardiovascular events in coronary artery disease patients. <i>European Journal of Preventive Cardiology</i> , 2020, , .                                       | 1.8 | 6         |
| 47 | Response. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 2054-2054.  | 0.4 | 0         |
| 48 | Exercise-induced lactate responses in Multiple Sclerosis: A retrospective analysis. <i>NeuroRehabilitation</i> , 2019, 45, 99-106.   | 1.3 | 5         |
| 49 | The Impact of Different Types of Exercise Training on Peripheral Blood Brain-Derived Neurotrophic Factor Concentrations in Older Adults: A Meta-Analysis. <i>Sports Medicine</i> , 2019, 49, 1529-1546.  | 6.5 | 71        |
| 50 | Access to exerciseâ€“based rehabilitation across Europe for patients with heart failure: where evidenceâ€“based practice is hampered by lacking resources. <i>European Journal of Heart Failure</i> , 2019, 21, 1149-1151.   | 7.1 | 0         |
| 51 | Response to letter from Okutucu and Bursa. <i>International Journal of Obesity</i> , 2019, 43, 2344-2345.  | 3.4 | 0         |
| 52 | Exercise Training in Patients with Chronic Respiratory Diseases: Are Cardiovascular Comorbidities and Outcomes Taken into Account?â€“A Systematic Review. <i>Journal of Clinical Medicine</i> , 2019, 8, 1458.   | 2.4 | 5         |
| 53 | Exercise training intensity determination in cardiovascular rehabilitation: Should the guidelines be reconsidered?. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1921-1928.  | 1.8 | 54        |
| 54 | Enhancing Patient Motivation through Intelligibility in Cardiac Tele-rehabilitation. <i>Interacting With Computers</i> , 2019, 31, 122-137.  | 1.5 | 1         |

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|----|--|-----|-----------|
| 55 | Dynamic strength training intensity in cardiovascular rehabilitation: is it time to reconsider clinical practice? A systematic review. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1483-1492.   | 1.8 | 39        |
| 56 | The importance of return to work: How to achieve optimal reintegration in ACS patients. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1358-1369.  | 1.8 | 27        |
| 57 | The effect of minimally invasive surgical aortic valve replacement on postoperative pulmonary and skeletal muscle function. <i>Experimental Physiology</i> , 2019, 104, 855-865.   | 2.0 | 2         |
| 58 | High intensity training improves cardiac function in healthy rats. <i>Scientific Reports</i> , 2019, 9, 5612.  | 3.3 | 30        |
| 59 | Management of patients with type 2 diabetes in cardiovascular rehabilitation. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 133-144.  | 1.8 | 11        |
| 60 | Exercise Intensity Matters in Chronic Nonspecific Low Back Pain Rehabilitation. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2434-2442.  | 0.4 | 38        |
| 61 | Cardiac function in adolescents with obesity: cardiometabolic risk factors and impact on physical fitness. <i>International Journal of Obesity</i> , 2019, 43, 1400-1410.  | 3.4 | 22        |
| 62 | Current animal models for the study of congestion in heart failure: an overview. <i>Heart Failure Reviews</i> , 2019, 24, 387-397.   | 3.9 | 32        |
| 63 | Exercise training for patients with type 2 diabetes and cardiovascular disease: What to pursue and how to do it. A Position Paper of the European Association of Preventive Cardiology (EAPC). <i>European Journal of Preventive Cardiology</i> , 2019, 26, 709-727. | 1.8 | 68        |
| 64 | Effect of Exercise Intervention on Cardiac Function in Type 2 Diabetes Mellitus: A Systematic Review. <i>Sports Medicine</i> , 2019, 49, 255-268.  | 6.5 | 24        |
| 65 | The importance of rehabilitation in the secondary prevention of cardiovascular disease. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 273-276.  | 1.8 | 8         |
| 66 | Exercise training to reduce cardiovascular risk in patients with metabolic syndrome and type 2 diabetes mellitus: How does it work?. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 701-708.   | 1.8 | 37        |
| 67 | Impact of high-intensity concurrent training on cardiovascular risk factors in persons with multiple sclerosis – pilot study. <i>Disability and Rehabilitation</i> , 2019, 41, 430-435.  | 1.8 | 18        |
| 68 | Do clinicians prescribe exercise similarly in patients with different cardiovascular diseases? Findings from the EAPC EXPERT working group survey. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 682-691.   | 1.8 | 47        |
| 69 | Electrical support during outdoor cycling in patients with coronary artery disease: impact on exercise intensity, volume and perception of effort. <i>Acta Cardiologica</i> , 2018, 73, 343-350.   | 0.9 | 6         |
| 70 | Exercise intervention after transcatheter aortic valve implantation: Current evidence and issues to be resolved. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 791-793.   | 1.8 | 2         |
| 71 | Changes in lower limb muscle function and muscle mass following exercise-based interventions in patients with chronic obstructive pulmonary disease: A review of the English-language literature. <i>Chronic Respiratory Disease</i> , 2018, 15, 182-219.            | 2.4 | 52        |
| 72 | Selective abdominal venous congestion induces adverse renal and hepatic morphological and functional alterations despite a preserved cardiac function. <i>Scientific Reports</i> , 2018, 8, 17757.   | 3.3 | 26        |

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|----|--|-----|-----------|
| 73 | Selective abdominal venous congestion to investigate cardiorenal interactions in a rat model. PLoS ONE, 2018, 13, e0197687.  | 2.5 | 12        |
| 74 | Western diet given to healthy rats mimics the human phenotype of diabetic cardiomyopathy. Journal of Nutritional Biochemistry, 2018, 61, 140-146.  | 4.2 | 13        |
| 75 | Adipose tissue lipolytic inhibition enhances the glucoregulatory properties of exercise in type 2 diabetes patients. European Journal of Sport Science, 2018, 18, 1245-1254.   | 2.7 | 4         |
| 76 | Impact of a mobile cycling application on cardiac patients' cycling behavior and enjoyment. , 2018, , .  |     | 5         |
| 77 | Adrenergically and non-adrenergically mediated human adipose tissue lipolysis during acute exercise and exercise training. Clinical Science, 2018, 132, 1685-1698.   | 4.3 | 14        |
| 78 | 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.   | 6.5 | 126       |
| 79 | High intensity interval training is associated with greater impact on physical fitness, insulin sensitivity and muscle mitochondrial content in males with overweight/obesity, as opposed to continuous endurance training: a randomized controlled trial. Journal of Musculoskeletal Neuronal Interactions, 2018, 18, 215-226.  | 0.1 | 9         |
| 80 | Compromised Cardiopulmonary Exercise Capacity in Patients Early After Endoscopic Atraumatic Coronary Artery Bypass Graft. American Journal of Physical Medicine and Rehabilitation, 2017, 96, 84-92.   | 1.4 | 4         |
| 81 | Circulating classical monocytes are associated with CD11c+ macrophages in human visceral adipose tissue. Scientific Reports, 2017, 7, 42665.   | 3.3 | 75        |
| 82 | 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. | 1.8 | 141       |
| 83 | High Intensity Aerobic and Resistance Exercise Can Improve Glucose Tolerance in Persons With Multiple Sclerosis. American Journal of Physical Medicine and Rehabilitation, 2017, 96, 161-166.  | 1.4 | 27        |
| 84 | Muscle Strength, But Not Muscle Oxidative Capacity, Varies Between the Morning and the Afternoon in Patients with Multiple Sclerosis. American Journal of Physical Medicine and Rehabilitation, 2017, 96, 828-830.   | 1.4 | 6         |
| 85 | Elevated cardiovascular risk factors in multiple sclerosis. Multiple Sclerosis and Related Disorders, 2017, 17, 220-223.   | 2.0 | 19        |
| 86 | The effect of diet or exercise on ectopic adiposity in children and adolescents with obesity: a systematic review and meta-analysis. Obesity Reviews, 2017, 18, 1310-1322.   | 6.5 | 17        |
| 87 | Natriuretic peptides in the control of lipid metabolism and insulin sensitivity. Obesity Reviews, 2017, 18, 1243-1259.   | 6.5 | 33        |
| 88 | Impact of Endurance Exercise Training in the Fasted State on Muscle Biochemistry and Metabolism in Healthy Subjects: Can These Effects be of Particular Clinical Benefit to Type 2 Diabetes Mellitus and Insulin-Resistant Patients?. Sports Medicine, 2017, 47, 415-428.  | 6.5 | 44        |
| 89 | The EAPC EXPERT tool. European Heart Journal, 2017, 38, 2318-2320.   | 2.2 | 24        |
| 90 | Altered gas-exchange at peak exercise in obese adolescents: implications for verification of effort during cardiopulmonary exercise testing. Journal of Sports Medicine and Physical Fitness, 2017, 57, 1687-1694.   | 0.7 | 6         |

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|-----|--|-----|-----------|
| 91  | Characteristics of structured physical training currently provided in cardiac patients: insights from the Exercise Training in Cardiac Rehabilitation (ETCR) Italian survey. <i>Monaldi Archives for Chest Disease</i> , 2017, 87, 778.                                    | 0.6 | 14        |
| 92  | The Effect of Diet or Exercise on Visceral Adipose Tissue in Overweight Youth. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1415-1424.   | 0.4 | 28        |
| 93  | Validation of a single-stage fixed-rate step test for the prediction of maximal oxygen uptake in healthy adults. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 401-406.  | 1.2 | 14        |
| 94  | Attenuated atrial natriuretic peptide-mediated lipolysis in subcutaneous adipocytes of obese type 2 diabetic men. <i>Clinical Science</i> , 2016, 130, 1105-1114.  | 4.3 | 19        |
| 95  | Coronary Computed Tomography Angiography: Patient-related factors determining image quality using a second-generation 320-slice CT scanner. <i>International Journal of Cardiology</i> , 2016, 221, 970-976.   | 1.7 | 10        |
| 96  | Clinical benefit of atrio-ventricular delay optimization in patients with a dual-chamber pacemaker: a pilot study. The CBRAVO trial (NCT01998256). <i>Acta Cardiologica</i> , 2016, 71, 257-265.   | 0.9 | 0         |
| 97  | Muscular, cardiac, ventilatory and metabolic dysfunction in patients with multiple sclerosis: Implications for screening, clinical care and endurance and resistance exercise therapy, a scoping review. <i>Journal of the Neurological Sciences</i> , 2016, 367, 107-121. | 0.6 | 29        |
| 98  | Fully automated muscle quality assessment by Gabor filtering of second harmonic generation images. <i>Journal of Biomedical Optics</i> , 2016, 21, 026003.   | 2.6 | 2         |
| 99  | Physical Therapy as Treatment for Childhood Obesity in Primary Health Care: Clinical Recommendation From AXXON (Belgian Physical Therapy Association). <i>Physical Therapy</i> , 2016, 96, 850-864.  | 2.4 | 9         |
| 100 | Changes in structural and metabolic muscle characteristics following exercise-based interventions in patients with COPD: a systematic review. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 521-545.  | 2.5 | 32        |
| 101 | Effect of comprehensive cardiac telerehabilitation on one-year cardiovascular rehospitalization rate, medical costs and quality of life: A cost-effectiveness analysis. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 674-682.                              | 1.8 | 99        |
| 102 | Magnitude of muscle wasting early after on-pump coronary artery bypass graft surgery and exploration of aetiology. <i>Experimental Physiology</i> , 2015, 100, 818-828.  | 2.0 | 14        |
| 103 | Impact of 24 Weeks of Resistance and Endurance Exercise on Glucose Tolerance in Persons with Multiple Sclerosis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2015, 94, 838-847.  | 1.4 | 25        |
| 104 | High Intensity Exercise in Multiple Sclerosis: Effects on Muscle Contractile Characteristics and Exercise Capacity, a Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0133697.   | 2.5 | 71        |
| 105 | Exercise Training Improves Insulin Release During Glucose Tolerance Testing in Stable Chronic Heart Failure Patients. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2015, 35, 37-46.   | 2.1 | 15        |
| 106 | On the interpretation of second harmonic generation intensity profiles of striated muscle. <i>Journal of Biomedical Optics</i> , 2015, 20, 086010.   | 2.6 | 1         |
| 107 | Increasing the medium-term clinical benefits of hospital-based cardiac rehabilitation by physical activity telemonitoring in coronary artery disease patients. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 150-158.                                       | 1.8 | 81        |
| 108 | Altered signaling for mitochondrial and myofibrillar biogenesis in skeletal muscles of patients with multiple sclerosis. <i>Translational Research</i> , 2015, 166, 70-79.   | 5.0 | 15        |



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|-----|--|-----|-----------|
| 109 | A single dose of sodium nitrate does not improve oral glucose tolerance in patients with type 2 diabetes mellitus. <i>Nutrition Research</i> , 2015, 35, 674-680.  | 2.9 | 21        |
| 110 | Neuromuscular electrical stimulation prevents muscle wasting in critically ill comatose patients. <i>Clinical Science</i> , 2015, 128, 357-365.  | 4.3 | 103       |
| 111 | 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.             | 1.7 | 18        |
| 112 | Chronotropic Incompetence During Exercise in Type 2 Diabetes: Aetiology, Assessment Methodology, Prognostic Impact and Therapy. <i>Sports Medicine</i> , 2015, 45, 985-995.  | 6.5 | 29        |
| 113 | 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. | 4.3 | 140       |
| 114 | Reduction in pulmonary function after CABG surgery is related to postoperative inflammation and hypercortisolemia. <i>International Journal of Clinical and Experimental Medicine</i> , 2015, 8, 10938-46.   | 1.3 | 10        |
| 115 | Ventilatory function during exercise in multiple sclerosis and impact of training intervention: cross-sectional and randomized controlled trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2015, 51, 557-68.                     | 2.2 | 7         |
| 116 | Combined aerobic/inspiratory muscle training vs. aerobic training in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2014, 16, 574-582.  | 7.1 | 88        |
| 117 | Whole-body cooling does not compromise muscle oxidative capacity in subjects with multiple sclerosis. <i>NeuroRehabilitation</i> , 2014, 35, 805-811.  | 1.3 | 5         |
| 118 | Reliability and Validity of the Dutch Physical Activity Questionnaires for Children (PAQ-C) and Adolescents (PAQ-A). <i>Archives of Public Health</i> , 2014, 72, 47.  | 2.4 | 63        |
| 119 | Is Walking Capacity in Subjects with Multiple Sclerosis Primarily Related to Muscle Oxidative Capacity or Maximal Muscle Strength? A Pilot Study. <i>Multiple Sclerosis International</i> , 2014, 2014, 1-7.   | 0.8 | 20        |
| 120 | Mandatory oral glucose tolerance tests identify more diabetics in stable patients with chronic heart failure: a prospective observational study. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 44.  | 2.7 | 4         |
| 121 | Modifiable Predictors of Chronotropic Incompetence in Male Patients With Type 2 Diabetes. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2014, 34, 202-207.   | 2.1 | 13        |
| 122 | Exercise tolerance in obese vs. lean adolescents: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2014, 15, 894-904.   | 6.5 | 32        |
| 123 | Protein Co-Ingestion Strongly Increases Postprandial Insulin Secretion in Type 2 Diabetes Patients. <i>Journal of Medicinal Food</i> , 2014, 17, 758-763.  | 1.5 | 42        |
| 124 | Exercise-onset heart rate increase is slowed in multiple sclerosis patients: Does a disturbed cardiac autonomic control affect exercise tolerance?. <i>NeuroRehabilitation</i> , 2013, 33, 139-146.  | 1.3 | 16        |
| 125 | Author Response. <i>Physical Therapy</i> , 2013, 93, 1142-1144.  | 2.4 | 0         |
| 126 | Exercise Assessment and Prescription in Patients With Type 2 Diabetes in the Private and Home Care Setting: Clinical Recommendations From AXXON (Belgian Physical Therapy Association). <i>Physical Therapy</i> , 2013, 93, 597-610.                     | 2.4 | 39        |



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|-----|--|----------|-----------|
| 127 | Slowed Exercise-Onset Velocity Kinetics During Submaximal Endurance Exercise in Subjects With Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 87-95.  | 2.9      | 25        |
| 128 | Neuromuscular electrical stimulation increases muscle protein synthesis in elderly type 2 diabetic men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 303, E614-E623.   | 3.5      | 72        |
| 129 | Physical fitness affects the quality of single operator cardiocerebral resuscitation in healthcare professionals. <i>European Journal of Emergency Medicine</i> , 2012, 19, 28-34.   | 1.1      | 29        |
| 130 | Importance of characteristics and modalities of physical activity and exercise in the management of cardiovascular health in individuals with cardiovascular risk factors: recommendations from the EACPR (Part II). <i>European Journal of Preventive Cardiology</i> , 2012, 19, 1005-1033. | 1.8      | 223       |
| 131 | Effect of a telemonitoring-facilitated collaboration between general practitioner and heart failure clinic on mortality and rehospitalization rates in severe heart failure: the TEMA-HF 1 (Telemonitoring) Trial. <i>Journal of the American Heart Association</i> , 2013, 4, e001188.      | 0.784314 | 185       |
| 132 | Endurance Exercise Intensity Determination in the Rehabilitation of Coronary Artery Disease Patients. <i>Sports Medicine</i> , 2012, 42, 11-30.  | 6.5      | 63        |
| 133 | Response to letter from RJ Shephard - Problems of medical supervision and physiological validity encountered with fixed-rate step tests™. <i>European Journal of Applied Physiology</i> , 2012, 112, 3697-3698.  | 2.5      | 0         |
| 134 | Effect of Acute Endurance and Resistance Exercise on Endocrine Hormones Directly Related to Lipolysis and Skeletal Muscle Protein Synthesis in Adult Individuals with Obesity. <i>Sports Medicine</i> , 2012, 42, 415-431.   | 6.5      | 44        |
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