

Ulrik Wislff

List of Publications by Citations

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260
papers

16,849
citations

64
h-index

125
g-index

271
ext. papers

19,883
ext. citations

5.7
avg, IF

6.58
L-index

#	Paper	IF	Citations
260	Superior cardiovascular effect of aerobic interval training versus moderate continuous training in heart failure patients: a randomized study. <i>Circulation</i> , 2007 , 115, 3086-94	16.7	1331
259	Physiology of soccer: an update. <i>Sports Medicine</i> , 2005 , 35, 501-36	10.6	1021
258	Importance of Assessing Cardiorespiratory Fitness in Clinical Practice: A Case for Fitness as a Clinical Vital Sign: A Scientific Statement From the American Heart Association. <i>Circulation</i> , 2016 , 134, e653-e699	16.7	825
257	Aerobic interval training versus continuous moderate exercise as a treatment for the metabolic syndrome: a pilot study. <i>Circulation</i> , 2008 , 118, 346-54	16.7	778
256	High-intensity interval training in patients with lifestyle-induced cardiometabolic disease: a systematic review and meta-analysis. <i>British Journal of Sports Medicine</i> , 2014 , 48, 1227-34	10.3	667
255	Strong correlation of maximal squat strength with sprint performance and vertical jump height in elite soccer players. <i>British Journal of Sports Medicine</i> , 2004 , 38, 285-8	10.3	548
254	Cardiovascular risk factors emerge after artificial selection for low aerobic capacity. <i>Science</i> , 2005 , 307, 418-20	33.3	488
253	Technical performance during soccer matches of the Italian Serie A league: effect of fatigue and competitive level. <i>Journal of Science and Medicine in Sport</i> , 2009 , 12, 227-33	4.4	426
252	Cardiovascular risk of high- versus moderate-intensity aerobic exercise in coronary heart disease patients. <i>Circulation</i> , 2012 , 126, 1436-40	16.7	293
251	Effect of 2 soccer matches in a week on physical performance and injury rate. <i>American Journal of Sports Medicine</i> , 2010 , 38, 1752-8	6.8	255
250	Soccer specific aerobic endurance training. <i>British Journal of Sports Medicine</i> , 2002 , 36, 218-21	10.3	233
249	Strength and endurance of elite soccer players. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 462-7	1.2	220
248	Aerobic interval training reduces cardiovascular risk factors more than a multitreatment approach in overweight adolescents. <i>Clinical Science</i> , 2009 , 116, 317-26	6.5	209
247	Intensity-controlled treadmill running in mice: cardiac and skeletal muscle hypertrophy. <i>Journal of Applied Physiology</i> , 2002 , 93, 1301-9	3.7	193
246	Accuracy of Heart Rate Watches: Implications for Weight Management. <i>PLoS ONE</i> , 2016 , 11, e0154420	3.7	193
245	Both aerobic endurance and strength training programmes improve cardiovascular health in obese adults. <i>Clinical Science</i> , 2008 , 115, 283-93	6.5	191
244	Aerobic interval training versus continuous moderate exercise after coronary artery bypass surgery: a randomized study of cardiovascular effects and quality of life. <i>American Heart Journal</i> , 2009 , 158, 1031-7	4.9	190

243	Intensity-controlled treadmill running in rats: VO ₂ max) and cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H1301-10	5.2	186
242	Peak oxygen uptake and cardiovascular risk factors in 4631 healthy women and men. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1465-73	1.2	175
241	Exercise induces cerebral VEGF and angiogenesis via the lactate receptor HCAR1. <i>Nature Communications</i> , 2017 , 8, 15557	17.4	173
240	High-intensity interval training to maximize cardiac benefits of exercise training?. <i>Exercise and Sport Sciences Reviews</i> , 2009 , 37, 139-46	6.7	170
239	Moderate vs. high exercise intensity: differential effects on aerobic fitness, cardiomyocyte contractility, and endothelial function. <i>Cardiovascular Research</i> , 2005 , 67, 161-72	9.9	165
238	Aerobic exercise reduces cardiomyocyte hypertrophy and increases contractility, Ca ²⁺ sensitivity and SERCA-2 in rat after myocardial infarction. <i>Cardiovascular Research</i> , 2002 , 54, 162-74	9.9	162
237	Role of RyR2 phosphorylation at S2814 during heart failure progression. <i>Circulation Research</i> , 2012 , 110, 1474-83	15.7	158
236	Running speed and maximal oxygen uptake in rats and mice: practical implications for exercise training. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 753-60		151
235	Interval training normalizes cardiomyocyte function, diastolic Ca ²⁺ control, and SR Ca ²⁺ release synchronicity in a mouse model of diabetic cardiomyopathy. <i>Circulation Research</i> , 2009 , 105, 527-36	15.7	149
234	Player Load, Acceleration, and Deceleration During Forty-Five Competitive Matches of Elite Soccer. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 351-9	3.2	143
233	Increased contractility and calcium sensitivity in cardiac myocytes isolated from endurance trained rats. <i>Cardiovascular Research</i> , 2001 , 50, 495-508	9.9	140
232	Strength training versus aerobic interval training to modify risk factors of metabolic syndrome. <i>Journal of Applied Physiology</i> , 2010 , 108, 804-10	3.7	134
231	Age-predicted maximal heart rate in healthy subjects: The HUNT fitness study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013 , 23, 697-704	4.6	130
230	Aerobic interval training vs. continuous moderate exercise in the metabolic syndrome of rats artificially selected for low aerobic capacity. <i>Cardiovascular Research</i> , 2009 , 81, 723-32	9.9	129
229	Endothelial dysfunction induced by post-prandial lipemia: complete protection afforded by high-intensity aerobic interval exercise. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 200-6	15.1	124
228	Temporal changes in resting heart rate and deaths from ischemic heart disease. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 306, 2579-87	27.4	123
227	Aerobic interval training increases peak oxygen uptake more than usual care exercise training in myocardial infarction patients: a randomized controlled study. <i>Clinical Rehabilitation</i> , 2012 , 26, 33-44	3.3	120
226	Effect of match-related fatigue on short-passing ability in young soccer players. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 934-42	1.2	118

225	Field and laboratory testing in young elite soccer players. <i>British Journal of Sports Medicine</i> , 2004 , 38, 191-6	10.3	114
224	Circulating microRNAs and aerobic fitness--the HUNT-Study. <i>PLoS ONE</i> , 2013 , 8, e57496	3.7	113
223	Intrinsic aerobic capacity sets a divide for aging and longevity. <i>Circulation Research</i> , 2011 , 109, 1162-72	15.7	110
222	Maximal strength training improves work economy in trained female cross-country skiers. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 870-7	1.2	107
221	Exercise training prevents oxidative stress and ubiquitin-proteasome system overactivity and reverse skeletal muscle atrophy in heart failure. <i>PLoS ONE</i> , 2012 , 7, e41701	3.7	105
220	Aerobic capacity reference data in 3816 healthy men and women 20-90 years. <i>PLoS ONE</i> , 2013 , 8, e64319	3.7	104
219	Estimating VO ₂ peak from a nonexercise prediction model: the HUNT Study, Norway. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 2024-30	1.2	99
218	High-intensity aerobic exercise training improves the heart in health and disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010 , 30, 2-11	3.6	96
217	A single weekly bout of exercise may reduce cardiovascular mortality: how little pain for cardiac gain? The HUNT study, Norway. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006 , 13, 798-804		96
216	Heart failure with preserved ejection fraction induces molecular, mitochondrial, histological, and functional alterations in rat respiratory and limb skeletal muscle. <i>European Journal of Heart Failure</i> , 2015 , 17, 263-72	12.3	94
215	Time-course of endothelial adaptation following acute and regular exercise. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006 , 13, 585-91		90
214	Aerobic interval training enhances cardiomyocyte contractility and Ca ²⁺ cycling by phosphorylation of CaMKII and Thr-17 of phospholamban. <i>Journal of Molecular and Cellular Cardiology</i> , 2007 , 43, 354-61	5.8	90
213	Effects of preterm birth and fetal growth retardation on cardiovascular risk factors in young adulthood. <i>Early Human Development</i> , 2009 , 85, 239-45	2.2	89
212	Dietary nitrate does not enhance running performance in elite cross-country skiers. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2213-9	1.2	89
211	Aerobic fitness is associated with cardiomyocyte contractile capacity and endothelial function in exercise training and detraining. <i>Circulation</i> , 2004 , 109, 2897-904	16.7	89
210	High-intensity interval exercise effectively improves cardiac function in patients with type 2 diabetes mellitus and diastolic dysfunction: a randomized controlled trial. <i>Journal of the American College of Cardiology</i> , 2014 , 64, 1758-60	15.1	87
209	Relationship between anthropometric and physiological characteristics in youth soccer players. <i>Journal of Strength and Conditioning Research</i> , 2009 , 23, 1204-10	3.2	87
208	Remote ischemic preconditioning preserves mitochondrial function and influences myocardial microRNA expression in atrial myocardium during coronary bypass surgery. <i>Circulation Research</i> , 2014 , 114, 851-9	15.7	86

207	Low- and high-volume of intensive endurance training significantly improves maximal oxygen uptake after 10-weeks of training in healthy men. <i>PLoS ONE</i> , 2013 , 8, e65382	3.7	84
206	A simple nonexercise model of cardiorespiratory fitness predicts long-term mortality. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1159-65	1.2	83
205	Circulating microRNAs predict future fatal myocardial infarction in healthy individuals - The HUNT study. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 97, 162-8	5.8	80
204	Physical activity and mortality in men and women with coronary heart disease: a prospective population-based cohort study in Norway (the HUNT study). <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008 , 15, 639-45		78
203	MicroRNAs as Important Regulators of Exercise Adaptation. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 130-151	8.5	77
202	Endothelial function in highly endurance-trained men: effects of acute exercise. <i>Journal of Strength and Conditioning Research</i> , 2008 , 22, 535-42	3.2	75
201	Telomere length and long-term endurance exercise: does exercise training affect biological age? A pilot study. <i>PLoS ONE</i> , 2012 , 7, e52769	3.7	74
200	High- versus moderate-intensity aerobic exercise training effects on skeletal muscle of infarcted rats. <i>Journal of Applied Physiology</i> , 2013 , 114, 1029-41	3.7	71
199	Age and gender differences of endothelial function in 4739 healthy adults: the HUNT3 Fitness Study. <i>European Journal of Preventive Cardiology</i> , 2013 , 20, 531-40	3.9	70
198	Acceleration and sprint profiles of a professional elite football team in match play. <i>European Journal of Sport Science</i> , 2015 , 15, 101-10	3.9	65
197	High intensity interval training alters substrate utilization and reduces oxygen consumption in the heart. <i>Journal of Applied Physiology</i> , 2011 , 111, 1235-41	3.7	65
196	Exercise and nitric oxide prevent bubble formation: a novel approach to the prevention of decompression sickness?. <i>Journal of Physiology</i> , 2004 , 555, 825-9	3.9	63
195	A rat model system to study complex disease risks, fitness, aging, and longevity. <i>Trends in Cardiovascular Medicine</i> , 2012 , 22, 29-34	6.9	62
194	Aerobic exercise before diving reduces venous gas bubble formation in humans. <i>Journal of Physiology</i> , 2004 , 555, 637-42	3.9	62
193	Higher plantar pressure on the medial side in four soccer-related movements. <i>British Journal of Sports Medicine</i> , 2007 , 41, 93-100	10.3	61
192	Regional expression of endothelin-1, ANP, IGF-1, and LV wall stress in the infarcted rat heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001 , 280, H2902-10	5.2	60
191	The effects of acute oral antioxidants on diving-induced alterations in human cardiovascular function. <i>Journal of Physiology</i> , 2007 , 578, 859-70	3.9	57
190	Guidelines for the delivery and monitoring of high intensity interval training in clinical populations. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 140-146	8.5	55

189	Aerobic endurance training reduces bubble formation and increases survival in rats exposed to hyperbaric pressure. <i>Journal of Physiology</i> , 2001 , 537, 607-11	3.9	55
188	Prediction of Cardiovascular Mortality by Estimated Cardiorespiratory Fitness Independent of Traditional Risk Factors: The HUNT Study. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 218-227	6.4	54
187	NOS inhibition increases bubble formation and reduces survival in sedentary but not exercised rats. <i>Journal of Physiology</i> , 2003 , 546, 577-82	3.9	54
186	Effects of 12-week on-field combined strength and power training on physical performance among U-14 young soccer players. <i>Journal of Strength and Conditioning Research</i> , 2010 , 24, 644-52	3.2	53
185	Comparison of Three Popular Exercise Modalities on $\dot{V}O_2$ max in Overweight and Obese. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 491-8	1.2	53
184	Home-based aerobic interval training improves peak oxygen uptake equal to residential cardiac rehabilitation: a randomized, controlled trial. <i>PLoS ONE</i> , 2012 , 7, e41199	3.7	52
183	Mechanisms of exercise-induced improvements in the contractile apparatus of the mammalian myocardium. <i>Acta Physiologica</i> , 2010 , 199, 425-39	5.6	52
182	Targeting miR-423-5p Reverses Exercise Training-Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017 , 121, 1058-1068	15.7	51
181	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	3.9	48
180	Effects of aerobic training on the exercise-induced decline in short-passing ability in junior soccer players. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1192-8	3	47
179	Long-term follow-up after cardiac rehabilitation: a randomized study of usual care exercise training versus aerobic interval training after myocardial infarction. <i>International Journal of Cardiology</i> , 2011 , 152, 388-90	3.2	46
178	Swim training suppresses tumor growth in mice. <i>Journal of Applied Physiology</i> , 2009 , 107, 261-5	3.7	46
177	Difference in plantar pressure between the preferred and non-preferred feet in four soccer-related movements. <i>British Journal of Sports Medicine</i> , 2007 , 41, 84-92	10.3	46
176	Are the neuroprotective effects of exercise training systemically mediated?. <i>Progress in Cardiovascular Diseases</i> , 2019 , 62, 94-101	8.5	44
175	Coronary atheroma regression and plaque characteristics assessed by grayscale and radiofrequency intravascular ultrasound after aerobic exercise. <i>American Journal of Cardiology</i> , 2014 , 114, 1504-11	3	42
174	Personalized Activity Intelligence (PAI) for Prevention of Cardiovascular Disease and Promotion of Physical Activity. <i>American Journal of Medicine</i> , 2017 , 130, 328-336	2.4	41
173	Effect of exercise training on inflammation status among people with metabolic syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2012 , 10, 267-72	2.6	40
172	Autophagy signaling in skeletal muscle of infarcted rats. <i>PLoS ONE</i> , 2014 , 9, e85820	3.7	40

171	High-intensity knee extensor training restores skeletal muscle function in COPD patients. <i>European Respiratory Journal</i> , 2012 , 40, 1130-6	13.6	39
170	Exogenous nitric oxide and bubble formation in divers. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1432-5	1.2	39
169	Effect of High-Intensity Interval Training, Moderate Continuous Training, or Guideline-Based Physical Activity Advice on Peak Oxygen Consumption in Patients With Heart Failure With Preserved Ejection Fraction: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 542-551	27.4	39
168	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. <i>Journal of Physiology</i> , 2020 , 598, 2513-2530	3.9	38
167	A randomised controlled study of the long-term effects of exercise training on mortality in elderly people: study protocol for the Generation 100 study. <i>BMJ Open</i> , 2015 , 5, e007519	3	38
166	Time course of endothelial adaptation after acute and chronic exercise in patients with metabolic syndrome. <i>Journal of Strength and Conditioning Research</i> , 2011 , 25, 2552-8	3.2	37
165	Current physical activity guidelines for health are insufficient to mitigate long-term weight gain: more data in the fitness versus fatness debate (The HUNT study, Norway). <i>British Journal of Sports Medicine</i> , 2014 , 48, 1489-96	10.3	35
164	Insomnia symptoms and cardiorespiratory fitness in healthy individuals: the Nord-Trøndelag Health Study (HUNT). <i>Sleep</i> , 2013 , 36, 99-108	1.1	34
163	Acute dietary nitrate supplementation improves arterial endothelial function at high altitude: A double-blinded randomized controlled cross over study. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 50, 58-64	5	33
162	Effect of a short-acting NO donor on bubble formation from a saturation dive in pigs. <i>Journal of Applied Physiology</i> , 2006 , 101, 1541-5	3.7	33
161	Effect of exercise training for five years on all cause mortality in older adults-the Generation 100 study: randomised controlled trial. <i>BMJ, The</i> , 2020 , 371, m3485	5.9	33
160	Remote ischemic preconditioning preserves mitochondrial function and activates pro-survival protein kinase Akt in the left ventricle during cardiac surgery: a randomized trial. <i>International Journal of Cardiology</i> , 2014 , 177, 409-17	3.2	32
159	High-intensity interval training attenuates endothelial dysfunction in a Dahl salt-sensitive rat model of heart failure with preserved ejection fraction. <i>Journal of Applied Physiology</i> , 2015 , 119, 745-52	3.7	32
158	Caloric restriction reverses hepatic insulin resistance and steatosis in rats with low aerobic capacity. <i>Endocrinology</i> , 2010 , 151, 5157-64	4.8	32
157	Effects of cariporide and losartan on hypertrophy, calcium transients, contractility, and gene expression in congestive heart failure. <i>Circulation</i> , 2002 , 105, 1380-6	16.7	32
156	Exercise patterns and peak oxygen uptake in a healthy population: the HUNT study. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 1881-9	1.2	31
155	Aerobic capacity-dependent differences in cardiac gene expression. <i>Physiological Genomics</i> , 2008 , 33, 100-9	3.6	31
154	Cardio-respiratory reference data in 4631 healthy men and women 20-90 years: the HUNT 3 fitness study. <i>PLoS ONE</i> , 2014 , 9, e113884	3.7	31

153	Global Fitness Levels: Findings From a Web-Based Surveillance Report. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 78-88	8.5	30
152	A randomised trial comparing weight loss with aerobic exercise in overweight individuals with coronary artery disease: The CUT-IT trial. <i>European Journal of Preventive Cardiology</i> , 2015 , 22, 1009-17	3.9	30
151	Even low level of physical activity is associated with reduced mortality among people with metabolic syndrome, a population based study (the HUNT 2 study, Norway). <i>BMC Medicine</i> , 2011 , 9, 109	11.4	30
150	Prognostic value of circulating microRNA-210 levels in patients with moderate to severe aortic stenosis. <i>PLoS ONE</i> , 2014 , 9, e91812	3.7	29
149	Deletion of mouse Alkbh7 leads to obesity. <i>Journal of Molecular Cell Biology</i> , 2013 , 5, 194-203	6.3	29
148	Left ventricular mechanics during exercise: a Doppler and tissue Doppler study. <i>European Journal of Echocardiography</i> , 2003 , 4, 286-91		29
147	Temporal changes in cardiorespiratory fitness and risk of dementia incidence and mortality: a population-based prospective cohort study. <i>Lancet Public Health, The</i> , 2019 , 4, e565-e574	22.4	28
146	Aerobic exercise training rescues cardiac protein quality control and blunts endoplasmic reticulum stress in heart failure rats. <i>Journal of Cellular and Molecular Medicine</i> , 2016 , 20, 2208-2212	5.6	28
145	Do weather changes influence physical activity level among older adults? - The Generation 100 study. <i>PLoS ONE</i> , 2018 , 13, e0199463	3.7	27
144	Mitochondrial respiration and microRNA expression in right and left atrium of patients with atrial fibrillation. <i>Physiological Genomics</i> , 2014 , 46, 505-11	3.6	27
143	Atrioventricular plane displacement in untrained and trained females. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 1871-5	1.2	27
142	Exercise and cardiac health: physiological and molecular insights. <i>Nature Metabolism</i> , 2020 , 2, 829-839	14.6	27
141	Personal Activity Intelligence (PAI), Sedentary Behavior and Cardiovascular Risk Factor Clustering - the HUNT Study. <i>Progress in Cardiovascular Diseases</i> , 2017 , 60, 89-95	8.5	26
140	A small molecule activator of AKT does not reduce ischemic injury of the rat heart. <i>Journal of Translational Medicine</i> , 2015 , 13, 76	8.5	26
139	Physical activity as a long-term predictor of peak oxygen uptake: the HUNT Study. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1675-9	1.2	26
138	Peak oxygen uptake and incident coronary heart disease in a healthy population: the HUNT Fitness Study. <i>European Heart Journal</i> , 2019 , 40, 1633-1639	9.5	26
137	Protective Effect of Regular Physical Activity on Depression After Myocardial Infarction: The HUNT Study. <i>American Journal of Medicine</i> , 2016 , 129, 82-88.e1	2.4	25
136	Physical activity, cardiorespiratory fitness, and cardiovascular outcomes in individuals with atrial fibrillation: the HUNT study. <i>European Heart Journal</i> , 2020 , 41, 1467-1475	9.5	25

135	Expression of perilipins in human skeletal muscle in vitro and in vivo in relation to diet, exercise and energy balance. <i>Archives of Physiology and Biochemistry</i> , 2012 , 118, 22-30	2.2	25
134	A prospective population study of resting heart rate and peak oxygen uptake (the HUNT Study, Norway). <i>PLoS ONE</i> , 2012 , 7, e45021	3.7	24
133	Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low VO2max. <i>Physiological Genomics</i> , 2008 , 35, 213-21	3.6	24
132	Cardiorespiratory Fitness, Sedentary Time, and Cardiovascular Risk Factor Clustering. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 625-32	1.2	23
131	Combined effect of resting heart rate and physical activity on ischaemic heart disease: mortality follow-up in a population study (the HUNT study, Norway). <i>Journal of Epidemiology and Community Health</i> , 2010 , 64, 175-81	5.1	22
130	The marked reduction in mixed venous oxygen saturation during early mobilization after cardiac surgery: the effect of posture or exercise?. <i>Anesthesia and Analgesia</i> , 2006 , 102, 1609-16	3.9	22
129	Effect of 24 sessions of high-intensity aerobic interval training carried out at either high or moderate frequency, a randomized trial. <i>PLoS ONE</i> , 2014 , 9, e88375	3.7	22
128	Increasing physical activity of high intensity to reduce the prevalence of chronic diseases and improve public health. <i>Open Cardiovascular Medicine Journal</i> , 2013 , 7, 1-8	0.7	21
127	Cardiorespiratory Reference Data in Older Adults: The Generation 100 Study. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2206-2215	1.2	20
126	Human cardiomyocyte calcium handling and transverse tubules in mid-stage of post-myocardial-infarction heart failure. <i>ESC Heart Failure</i> , 2018 , 5, 332-342	3.7	20
125	EX-MET study: exercise in prevention on of metabolic syndrome - a randomized multicenter trial: rationale and design. <i>BMC Public Health</i> , 2018 , 18, 437	4.1	19
124	Serum levels of choline-containing compounds are associated with aerobic fitness level: the HUNT-study. <i>PLoS ONE</i> , 2012 , 7, e42330	3.7	19
123	Peak oxygen uptake and physical activity in 13- to 18-year-olds: the Young-HUNT study. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 304-13	1.2	19
122	Pathological and physiological hypertrophies are regulated by distinct gene programs. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009 , 16, 690-7		19
121	Carbon monoxide levels experienced by heavy smokers impair aerobic capacity and cardiac contractility and induce pathological hypertrophy. <i>Inhalation Toxicology</i> , 2008 , 20, 635-46	2.7	19
120	Nitric oxide synthase type-1 modulates cardiomyocyte contractility and calcium handling: association with low intrinsic aerobic capacity. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 319-325		19
119	Powerful extreme phenotype sampling designs and score tests for genetic association studies. <i>Statistics in Medicine</i> , 2018 , 37, 4234-4251	2.3	18
118	The association of metabolic clustering and physical activity with cardiovascular mortality: the HUNT study in Norway. <i>Journal of Epidemiology and Community Health</i> , 2010 , 64, 690-5	5.1	18

117	Cardiomyocyte contractility and calcium handling partially recover after early deterioration during post-infarction failure in rat. <i>Acta Physiologica Scandinavica</i> , 2002 , 176, 17-26		18
116	Are Older Adults Physically Active Enough - A Matter of Assessment Method? The Generation 100 Study. <i>PLoS ONE</i> , 2016 , 11, e0167012	3.7	18
115	Headache and peak oxygen uptake: The HUNT3 study. <i>Cephalalgia</i> , 2016 , 36, 437-44	6.1	17
114	Correlates of Objectively Measured Physical Activity Among Norwegian Older Adults: The Generation 100 Study. <i>Journal of Aging and Physical Activity</i> , 2016 , 24, 369-75	1.6	17
113	Association between pulmonary function and peak oxygen uptake in elderly: the Generation 100 study. <i>Respiratory Research</i> , 2015 , 16, 156	7.3	17
112	Aerobic interval training partly reverse contractile dysfunction and impaired Ca ²⁺ handling in atrial myocytes from rats with post infarction heart failure. <i>PLoS ONE</i> , 2013 , 8, e66288	3.7	17
111	Cardiovascular risk factors have larger impact on endothelial function in self-reported healthy women than men in the HUNT3 Fitness study. <i>PLoS ONE</i> , 2014 , 9, e101371	3.7	17
110	Predicting VO ₂ peak from Submaximal- and Peak Exercise Models: The HUNT 3 Fitness Study, Norway. <i>PLoS ONE</i> , 2016 , 11, e0144873	3.7	17
109	Exercise patterns in older adults instructed to follow moderate- or high-intensity exercise protocol - the generation 100 study. <i>BMC Geriatrics</i> , 2018 , 18, 208	4.1	17
108	Physical activity modifies the risk of atrial fibrillation in obese individuals: The HUNT3 study. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1646-1652	3.9	17
107	The Combined Association of Skeletal Muscle Strength and Physical Activity on Mortality in Older Women: The HUNT2 Study. <i>Mayo Clinic Proceedings</i> , 2017 , 92, 710-718	6.4	16
106	New relative intensity ambulatory accelerometer thresholds for elderly men and women: the Generation 100 study. <i>BMC Geriatrics</i> , 2015 , 15, 97	4.1	16
105	Chronic CaMKII inhibition blunts the cardiac contractile response to exercise training. <i>European Journal of Applied Physiology</i> , 2012 , 112, 579-88	3.4	16
104	CrossTalk proposal: High intensity interval training does have a role in risk reduction or treatment of disease. <i>Journal of Physiology</i> , 2015 , 593, 5215-7	3.9	16
103	Nitric oxide synthase type-1 modulates cardiomyocyte contractility and calcium handling: association with low intrinsic aerobic capacity. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2007 , 14, 319-25		16
102	Evaluation of a new upper body ergometer for cross-country skiers. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 1314-20	1.2	15
101	Accelerations - a new approach to quantify physical performance decline in male elite soccer?. <i>European Journal of Sport Science</i> , 2019 , 19, 1015-1023	3.9	14
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