

Ulrik WislÅ,ff

List of Publications by Year in descending order

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Version: 2024-02-01

270
papers

22,746
citations

11639

70
h-index

9579

142
g-index

271
all docs

271
docs citations

271
times ranked

20061
citing authors

#	ARTICLE	IF	CITATIONS
1	Superior Cardiovascular Effect of Aerobic Interval Training Versus Moderate Continuous Training in Heart Failure Patients. <i>Circulation</i> , 2007, 115, 3086-3094.	1.6	1,640
2	Physiology of Soccer. <i>Sports Medicine</i> , 2005, 35, 501-536.	3.1	1,469
3	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.	1.6	1,423
4	Aerobic Interval Training Versus Continuous Moderate Exercise as a Treatment for the Metabolic Syndrome. <i>Circulation</i> , 2008, 118, 346-354.	1.6	912
5	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, 1227-1234.	3.1	909
6	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, 285-288.	3.1	756
7	Cardiovascular Risk Factors Emerge After Artificial Selection for Low Aerobic Capacity. <i>Science</i> , 2005, 307, 418-420.	6.0	559
8	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, 227-233.	0.6	526
9	Cardiovascular Risk of High- Versus Moderate-Intensity Aerobic Exercise in Coronary Heart Disease Patients. <i>Circulation</i> , 2012, 126, 1436-1440.	1.6	385
10	Exercise induces cerebral VEGF and angiogenesis via the lactate receptor HCAR1. <i>Nature Communications</i> , 2017, 8, 15557.	5.8	321
11	Effect of 2 Soccer Matches in a Week on Physical Performance and Injury Rate. <i>American Journal of Sports Medicine</i> , 2010, 38, 1752-1758.	1.9	317
12	Soccer specific aerobic endurance training. <i>British Journal of Sports Medicine</i> , 2002, 36, 218-221.	3.1	310
13	Strength and endurance of elite soccer players. <i>Medicine and Science in Sports and Exercise</i> , 1998, 30, 462-467.	0.2	299
14	Accuracy of Heart Rate Watches: Implications for Weight Management. <i>PLoS ONE</i> , 2016, 11, e0154420.	1.1	277
15	Aerobic interval training reduces cardiovascular risk factors more than a multitreatment approach in overweight adolescents. <i>Clinical Science</i> , 2009, 116, 317-326.	1.8	260
16	Both aerobic endurance and strength training programmes improve cardiovascular health in obese adults. <i>Clinical Science</i> , 2008, 115, 283-293.	1.8	238
17	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, 1031-1037.	1.2	234
18	Intensity-controlled treadmill running in mice: cardiac and skeletal muscle hypertrophy. <i>Journal of Applied Physiology</i> , 2002, 93, 1301-1309.	1.2	229

#	ARTICLE	IF	CITATIONS
19	Peak Oxygen Uptake and Cardiovascular Risk Factors in 4631 Healthy Women and Men. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1465-1473.	0.2	228
20	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, 753-760.	3.1	224
21	Intensity-controlled treadmill running in rats: $\dot{V}E_{\text{max}}$ and cardiac hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 280, H1301-H1310.	1.5	223
22	High-Intensity Interval Training to Maximize Cardiac Benefits of Exercise Training?. <i>Exercise and Sport Sciences Reviews</i> , 2009, 37, 139-146.	1.6	217
23	Moderate vs. high exercise intensity: Differential effects on aerobic fitness, cardiomyocyte contractility, and endothelial function. <i>Cardiovascular Research</i> , 2005, 67, 161-172.	1.8	211
24	Player Load, Acceleration, and Deceleration During Forty-Five Competitive Matches of Elite Soccer. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 351-359.	1.0	203
25	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.	1.3	201
26	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, 162-174.	1.8	192
27	Role of RyR2 Phosphorylation at S2814 During Heart Failure Progression. <i>Circulation Research</i> , 2012, 110, 1474-1483.	2.0	187
28	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, 527-536.	2.0	173
29	Strength training versus aerobic interval training to modify risk factors of metabolic syndrome. <i>Journal of Applied Physiology</i> , 2010, 108, 804-810.	1.2	166
30	Increased contractility and calcium sensitivity in cardiac myocytes isolated from endurance trained rats. <i>Cardiovascular Research</i> , 2001, 50, 495-508.	1.8	159
31	Aerobic interval training vs. continuous moderate exercise in the metabolic syndrome of rats artificially selected for low aerobic capacity. <i>Cardiovascular Research</i> , 2008, 81, 723-732.	1.8	159
32	Estimating $\dot{V}E_{\text{O2peak}}$ from a Nonexercise Prediction Model. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2024-2030.	0.2	159
33	Field and laboratory testing in young elite soccer players. <i>British Journal of Sports Medicine</i> , 2004, 38, 191-196.	3.1	155
34	Temporal Changes in Resting Heart Rate and Deaths From Ischemic Heart Disease. <i>JAMA - Journal of the American Medical Association</i> , 2011, 306, 2579.	3.8	153
35	Aerobic Capacity Reference Data in 3816 Healthy Men and Women 20-90 Years. <i>PLoS ONE</i> , 2013, 8, e64319.	1.1	151
36	Effect of Match-Related Fatigue on Short-Passing Ability in Young Soccer Players. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 934-942.	0.2	149

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37	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.	1.0	145
38	Intrinsic Aerobic Capacity Sets a Divide for Aging and Longevity. <i>Circulation Research</i> , 2011, 109, 1162-1172.	2.0	144
39	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. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 542.	3.8	144
40	Endothelial Dysfunction Induced by Post-Prandial Lipemia. <i>Journal of the American College of Cardiology</i> , 2009, 53, 200-206.	1.2	137
41	Maximal strength training improves work economy in trained female cross-country skiers. <i>Medicine and Science in Sports and Exercise</i> , 1999, 31, 870-877.	0.2	129
42	Circulating MicroRNAs and Aerobic Fitness – The HUNT-Study. <i>PLoS ONE</i> , 2013, 8, e57496.	1.1	128
43	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.	1.1	123
44	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, 263-272.	2.9	123
45	Relationship Between Anthropometric and Physiological Characteristics in Youth Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 1204-1210.	1.0	120
46	Guidelines for the delivery and monitoring of high intensity interval training in clinical populations. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 140-146.	1.6	119
47	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.	3.1	118
48	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.	1.1	118
49	High-Intensity Aerobic Exercise Training Improves the Heart in Health and Disease. <i>Journal of Cardiopulmonary Rehabilitation and Prevention</i> , 2010, 30, 2-11.	1.2	116
50	MicroRNAs as Important Regulators of Exercise Adaptation. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 130-151.	1.6	114
51	A Simple Nonexercise Model of Cardiorespiratory Fitness Predicts Long-Term Mortality. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1159-1165.	0.2	111
52	Effects of preterm birth and fetal growth retardation on cardiovascular risk factors in young adulthood. <i>Early Human Development</i> , 2009, 85, 239-245.	0.8	109
53	Circulating microRNAs predict future fatal myocardial infarction in healthy individuals – The HUNT study. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 97, 162-168.	0.9	109
54	High-Intensity Interval Exercise Effectively Improves Cardiac Function in Patients With Type 2 Diabetes Mellitus and Diastolic Dysfunction. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1758-1760.	1.2	107

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55	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, 354-361.	0.9	106
56	Aerobic Fitness Is Associated With Cardiomyocyte Contractile Capacity and Endothelial Function in Exercise Training and Detraining. <i>Circulation</i> , 2004, 109, 2897-2904.	1.6	105
57	Dietary Nitrate Does Not Enhance Running Performance in Elite Cross-Country Skiers. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2213-2219.	0.2	105
58	Time-course of endothelial adaptation following acute and regular exercise. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006, 13, 585-591.	3.1	100
59	Remote Ischemic Preconditioning Preserves Mitochondrial Function and Influences Myocardial MicroRNA Expression in Atrial Myocardium During Coronary Bypass Surgery. <i>Circulation Research</i> , 2014, 114, 851-859.	2.0	97
60	Age and gender differences of endothelial function in 4739 healthy adults: the HUNT3 Fitness Study. <i>European Journal of Preventive Cardiology</i> , 2013, 20, 531-540.	0.8	95
61	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, 639-645.	3.1	94
62	Telomere Length and Long-Term Endurance Exercise: Does Exercise Training Affect Biological Age? A Pilot Study. <i>PLoS ONE</i> , 2012, 7, e52769.	1.1	93
63	Acceleration and sprint profiles of a professional elite football team in match play. <i>European Journal of Sport Science</i> , 2015, 15, 101-110.	1.4	92
64	HIITing the brain with exercise: mechanisms, consequences and practical recommendations. <i>Journal of Physiology</i> , 2020, 598, 2513-2530.	1.3	92
65	Endothelial Function in Highly Endurance-Trained Men: Effects of Acute Exercise. <i>Journal of Strength and Conditioning Research</i> , 2008, 22, 535-542.	1.0	85
66	High intensity interval training alters substrate utilization and reduces oxygen consumption in the heart. <i>Journal of Applied Physiology</i> , 2011, 111, 1235-1241.	1.2	78
67	High- versus moderate-intensity aerobic exercise training effects on skeletal muscle of infarcted rats. <i>Journal of Applied Physiology</i> , 2013, 114, 1029-1041.	1.2	78
68	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, 644-652.	1.0	76
69	Targeting miR-423-5p Reverses Exercise Training-Induced HCN4 Channel Remodeling and Sinus Bradycardia. <i>Circulation Research</i> , 2017, 121, 1058-1068.	2.0	76
70	Are the neuroprotective effects of exercise training systemically mediated?. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 94-101.	1.6	76
71	A Rat Model System to Study Complex Disease Risks, Fitness, Aging, and Longevity. <i>Trends in Cardiovascular Medicine</i> , 2012, 22, 29-34.	2.3	75
72	Personalized Activity Intelligence (PAI) for Prevention of Cardiovascular Disease and Promotion of Physical Activity. <i>American Journal of Medicine</i> , 2017, 130, 328-336.	0.6	74

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73	Higher plantar pressure on the medial side in four soccer-related movements. <i>British Journal of Sports Medicine</i> , 2007, 41, 93-100.	3.1	73
74	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.	1.4	72
75	Effect of exercise training for five years on all cause mortality in older adults—the Generation 100 study: randomised controlled trial. <i>BMJ</i> , The, 2020, 371, m3485.	3.0	72
76	Exercise and nitric oxide prevent bubble formation: a novel approach to the prevention of decompression sickness?. <i>Journal of Physiology</i> , 2004, 555, 825-829.	1.3	71
77	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-H2910.	1.5	68
78	Aerobic exercise before diving reduces venous gas bubble formation in humans. <i>Journal of Physiology</i> , 2004, 555, 637-642.	1.3	68
79	Mechanisms of exercise-induced improvements in the contractile apparatus of the mammalian myocardium. <i>Acta Physiologica</i> , 2010, 199, 425-439.	1.8	68
80	The effects of acute oral antioxidants on diving-induced alterations in human cardiovascular function. <i>Journal of Physiology</i> , 2007, 578, 859-870.	1.3	66
81	Comparison of Three Popular Exercise Modalities on $\dot{V}E^{\text{TM}}\text{O}_2\text{max}$ in Overweight and Obese. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 491-498.	0.2	66
82	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.	1.1	65
83	Aerobic endurance training reduces bubble formation and increases survival in rats exposed to hyperbaric pressure. <i>Journal of Physiology</i> , 2001, 537, 607-611.	1.3	61
84	Nos inhibition increases bubble formation and reduces survival in sedentary but not exercised rats. <i>Journal of Physiology</i> , 2003, 546, 577-582.	1.3	61
85	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
86	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.	3.1	60
87	Swim training suppresses tumor growth in mice. <i>Journal of Applied Physiology</i> , 2009, 107, 261-265.	1.2	59
88	Exercise and cardiac health: physiological and molecular insights. <i>Nature Metabolism</i> , 2020, 2, 829-839.	5.1	59
89	Insomnia Symptoms and Cardiorespiratory Fitness in Healthy Individuals: The Nord-Trøndelag Health Study (HUNT). <i>Sleep</i> , 2013, 36, 99-108.	0.6	58
90	Effect of Exercise Training on Inflammation Status Among People with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2012, 10, 267-272.	0.5	57

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91	Physical activity, cardiorespiratory fitness, and cardiovascular outcomes in individuals with atrial fibrillation: the HUNT study. <i>European Heart Journal</i> , 2020, 41, 1467-1475.	1.0	57
92	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.	1.0	56
93	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, 1192-1198.	0.9	55
94	Long-term follow-up after cardiac rehabilitation. <i>International Journal of Cardiology</i> , 2011, 152, 388-390.	0.8	55
95	Coronary Atheroma Regression and Plaque Characteristics Assessed by Grayscale and Radiofrequency Intravascular Ultrasound After Aerobic Exercise. <i>American Journal of Cardiology</i> , 2014, 114, 1504-1511.	0.7	54
96	Do weather changes influence physical activity level among older adults? â€œ The Generation 100 study. <i>PLoS ONE</i> , 2018, 13, e0199463.	1.1	52
97	Temporal changes in cardiorespiratory fitness and risk of dementia incidence and mortality: a population-based prospective cohort study. <i>Lancet Public Health</i> , The, 2019, 4, e565-e574.	4.7	52
98	High-intensity knee extensor training restores skeletal muscle function in COPD patients. <i>European Respiratory Journal</i> , 2012, 40, 1130-1136.	3.1	51
99	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.	1.1	50
100	Exogenous Nitric Oxide and Bubble Formation in Divers. <i>Medicine and Science in Sports and Exercise</i> , 2006, 38, 1432-1435.	0.2	49
101	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-e007519.	0.8	47
102	Autophagy Signaling in Skeletal Muscle of Infarcted Rats. <i>PLoS ONE</i> , 2014, 9, e85820.	1.1	47
103	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.	1.6	45
104	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, 2552-2558.	1.0	44
105	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.	1.2	44
106	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, 1489-1496.	3.1	43
107	Deletion of mouse <i>Alkbh7</i> leads to obesity. <i>Journal of Molecular Cell Biology</i> , 2013, 5, 194-203.	1.5	40
108	Personal Activity Intelligence (PAI), Sedentary Behavior and Cardiovascular Risk Factor Clustering â€œ the HUNT Study. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 89-95.	1.6	40

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109	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, 745-752.	1.2	39
110	Differences in Acceleration and High-Intensity Activities Between Small-Sided Games and Peak Periods of Official Matches in Elite Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 2018-2024.	1.0	39
111	Aerobic capacity-dependent differences in cardiac gene expression. <i>Physiological Genomics</i> , 2008, 33, 100-109.	1.0	37
112	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.	2.3	37
113	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, 409-417.	0.8	37
114	Effects of Cariporide and Losartan on Hypertrophy, Calcium Transients, Contractility, and Gene Expression in Congestive Heart Failure. <i>Circulation</i> , 2002, 105, 1380-1386.	1.6	35
115	Effect of a short-acting NO donor on bubble formation from a saturation dive in pigs. <i>Journal of Applied Physiology</i> , 2006, 101, 1541-1545.	1.2	35
116	Caloric Restriction Reverses Hepatic Insulin Resistance and Steatosis in Rats with Low Aerobic Capacity. <i>Endocrinology</i> , 2010, 151, 5157-5164.	1.4	35
117	Prognostic Value of Circulating MicroRNA-210 Levels in Patients with Moderate to Severe Aortic Stenosis. <i>PLoS ONE</i> , 2014, 9, e91812.	1.1	35
118	Mitochondrial respiration and microRNA expression in right and left atrium of patients with atrial fibrillation. <i>Physiological Genomics</i> , 2014, 46, 505-511.	1.0	35
119	Left Ventricular Mechanics During Exercise: A Doppler and Tissue Doppler Study. <i>European Journal of Echocardiography</i> , 2003, 4, 286-291.	2.3	34
120	Exercise Patterns and Peak Oxygen Uptake in a Healthy Population. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 1881-1889.	0.2	34
121	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, 1009-1017.	0.8	34
122	Global Fitness Levels: Findings From a Web-Based Surveillance Report. <i>Progress in Cardiovascular Diseases</i> , 2017, 60, 78-88.	1.6	33
123	Atrioventricular Plane Displacement in Untrained and Trained Females. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 1871-1875.	0.2	32
124	Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low $\dot{V}O_{2\max}$. <i>Physiological Genomics</i> , 2008, 35, 213-221.	1.0	32
125	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.	0.6	32
126	Cardiorespiratory Reference Data in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2206-2215.	0.2	32

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127	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.	1.4	32
128	Cardiorespiratory Fitness, Sedentary Time, and Cardiovascular Risk Factor Clustering. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 625-632.	0.2	31
129	Personal Activity Intelligence (PAI): A new standard in activity tracking for obtaining a healthy cardiorespiratory fitness level and low cardiovascular risk. <i>Progress in Cardiovascular Diseases</i> , 2019, 62, 179-185.	1.6	31
130	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.	1.1	31
131	Physical Activity as a Long-Term Predictor of Peak Oxygen Uptake. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1675-1679.	0.2	30
132	Development of Global Reference Standards for Directly Measured Cardiorespiratory Fitness: A Report From the Fitness Registry and Importance of Exercise National Database (FRIEND). <i>Mayo Clinic Proceedings</i> , 2020, 95, 255-264.	1.4	30
133	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, 175-181.	2.0	29
134	Predicting VO ₂ peak from Submaximal- and Peak Exercise Models: The HUNT 3 Fitness Study, Norway. <i>PLoS ONE</i> , 2016, 11, e0144873.	1.1	29
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.	1.0	28
136	A Prospective Population Study of Resting Heart Rate and Peak Oxygen Uptake (the HUNT Study, Norway). <i>Journal of Internal Medicine</i> , 2018, 263, 10-18.	1.1	28
137	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.	0.8	28
138	A small molecule activator of AKT does not reduce ischemic injury of the rat heart. <i>Journal of Translational Medicine</i> , 2015, 13, 76.	1.8	27
139	Powerful extreme phenotype sampling designs and score tests for genetic association studies. <i>Statistics in Medicine</i> , 2018, 37, 4234-4251.	0.8	27
140	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, 1609-1616.	1.1	26
141	Pathological and physiological hypertrophies are regulated by distinct gene programs. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 690-697.	3.1	25
142	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.	0.6	25
143	Age-related change in peak oxygen uptake and change of cardiovascular risk factors. The HUNT Study. <i>Progress in Cardiovascular Diseases</i> , 2020, 63, 730-737.	1.6	24
144	Carbon Monoxide Levels Experienced by Heavy Smokers Impair Aerobic Capacity and Cardiac Contractility and Induce Pathological Hypertrophy. <i>Inhalation Toxicology</i> , 2008, 20, 635-646.	0.8	23

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145	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, 690-695.	2.0	23
146	Serum Levels of Choline-Containing Compounds Are Associated with Aerobic Fitness Level: The HUNT-Study. <i>PLoS ONE</i> , 2012, 7, e42330.	1.1	23
147	Peak Oxygen Uptake and Physical Activity in 13- to 18-Year-Olds. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 304-313.	0.2	23
148	CrossTalk proposal: High intensity interval training does have a role in risk reduction or treatment of disease. <i>Journal of Physiology</i> , 2015, 593, 5215-5217.	1.3	23
149	Association between pulmonary function and peak oxygen uptake in elderly: the Generation 100 study. <i>Respiratory Research</i> , 2015, 16, 156.	1.4	23
150	Headache and peak oxygen uptake: The HUNT3 study. <i>Cephalalgia</i> , 2016, 36, 437-444.	1.8	23
151	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.	1.4	23
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