

Åyvind Ellingsen

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,395
citations

331642

21
h-index

361001

35
g-index

40
all docs

40
docs citations

40
times ranked

5421
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	Cardiovascular Risk Factors Emerge After Artificial Selection for Low Aerobic Capacity. <i>Science</i> , 2005, 307, 418-420.	12.6	559
3	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2017, 135, 839-849.	1.6	297
4	Intensity-controlled treadmill running in mice: cardiac and skeletal muscle hypertrophy. <i>Journal of Applied Physiology</i> , 2002, 93, 1301-1309.	2.5	229
5	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.	2.8	224
6	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.	3.2	223
7	Moderate vs. high exercise intensity: Differential effects on aerobic fitness, cardiomyocyte contractility, and endothelial function. <i>Cardiovascular Research</i> , 2005, 67, 161-172.	3.8	211
8	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.	3.8	192
9	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
10	Time-course of endothelial adaptation following acute and regular exercise. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2006, 13, 585-591.	2.8	100
11	High intensity interval training versus moderate intensity continuous training on exercise capacity and quality of life in patients with heart failure with reduced ejection fraction: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2018, 261, 134-141.	1.7	99
12	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.	3.2	68
13	Exercise training restores aerobic capacity and energy transfer systems in heart failure treated with losartan. <i>Cardiovascular Research</i> , 2007, 76, 91-99.	3.8	49
14	Aerobic capacity-dependent differences in cardiac gene expression. <i>Physiological Genomics</i> , 2008, 33, 100-109.	2.3	37
15	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
16	Gene expression profiling of skeletal muscle in exercise-trained and sedentary rats with inborn high and low $\dot{V}O_{2\text{max}}$. <i>Physiological Genomics</i> , 2008, 35, 213-221.	2.3	32
17	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.	3.1	32
18	Pathological and physiological hypertrophies are regulated by distinct gene programs. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2009, 16, 690-697.	2.8	25

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19	Effect of combined aerobic and resistance training on peak oxygen consumption, muscle strength and health-related quality of life in patients with heart failure with reduced left ventricular ejection fraction: a systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2019, 293, 165-175.	1.7	24
20	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.	1.6	23
21	Headache and peak oxygen uptake: The HUNT3 study. <i>Cephalalgia</i> , 2016, 36, 437-444.	3.9	23
22	Aetiology-specific patterns in end-stage heart failure patients identified by functional annotation and classification of microarray data. <i>European Journal of Heart Failure</i> , 2006, 8, 381-389.	7.1	21
23	Inflammation Is Strongly Associated With Cardiorespiratory Fitness, Sex, BMI, and the Metabolic Syndrome in a Self-reported Healthy Population: HUNT3 Fitness Study. <i>Mayo Clinic Proceedings</i> , 2019, 94, 803-810.	3.0	21
24	Effect of Aerobic Exercise on Peak Oxygen Consumption, VE/VCO ₂ Slope, and Health-Related Quality of Life in Patients with Heart Failure with Preserved Left Ventricular Ejection Fraction: a Systematic Review and Meta-Analysis. <i>Current Atherosclerosis Reports</i> , 2019, 21, 45.	4.8	20
25	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.	2.8	19
26	Migraine and endothelial function: The HUNT3 Study. <i>Cephalalgia</i> , 2016, 36, 1341-1349.	3.9	15
27	Exercise training and losartan improve endothelial function in heart failure rats by different mechanisms. <i>Scandinavian Cardiovascular Journal</i> , 2013, 47, 160-167.	1.2	11
28	Effect of exercise training on cardiac metabolism in rats with heart failure. <i>Scandinavian Cardiovascular Journal</i> , 2020, 54, 84-91.	1.2	11
29	Non-Smoking Tobacco Affects Endothelial Function in Healthy Men in One of the Largest Health Studies Ever Performed; The Nord-Trøndelag Health Study in Norway; HUNT3. <i>PLoS ONE</i> , 2016, 11, e0160205.	2.5	9
30	Exercise training reveals micro-RNAs associated with improved cardiac function and electrophysiology in rats with heart failure after myocardial infarction. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 148, 106-119.	1.9	9
31	The Effect of Exercise Training on Myocardial and Skeletal Muscle Metabolism by MR Spectroscopy in Rats with Heart Failure. <i>Metabolites</i> , 2019, 9, 53.	2.9	7
32	Exercise training and high-sensitivity cardiac troponin T in patients with heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2021, 8, 2183-2192.	3.1	7
33	Exercise training before cardiac-specific <i>Serca2</i> disruption attenuates the decline in cardiac function in mice. <i>Journal of Applied Physiology</i> , 2010, 109, 1749-1755.	2.5	6
34	Skeletal muscle metabolism in rats with low and high intrinsic aerobic capacity: Effect of aging and exercise training. <i>PLoS ONE</i> , 2018, 13, e0208703.	2.5	6
35	Response by Ellingsen et al to Letters Regarding Article, "High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction". <i>Circulation</i> , 2017, 136, 611-612.	1.6	4
36	Cardiorenal syndrome and the association with fitness: Data from a telerehabilitation randomized clinical trial. <i>ESC Heart Failure</i> , 0, , .	3.1	2

#	ARTICLE	IF	CITATIONS
37	Energy at heart: matching demand with production. Cardiovascular Research, 2011, 90, 7-8.	3.8	0
38	A flying start? Early interval training in heart failure rehabilitation. European Journal of Preventive Cardiology, 2018, 25, 7-8.	1.8	0
39	Working out aerobic fitness. , 2006, , 18-19.		0
40	EFFECTS OF EXERCISE INTERVENTIONS ON AEROBIC CAPACITY IN PATIENTS WITH HEART FAILURE WITH PRESERVED LEFT VENTRICULAR EJECTION FRACTION: SYSTEMATIC REVIEW AND NETWORK META-ANALYSIS. Cardiology in Review, 2022, Publish Ahead of Print, .	1.4	0