

# Trine Karlsen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

37  
papers

1,889  
citations

16  
h-index

43  
g-index

47  
ext. papers

2,204  
ext. citations

2.6  
avg, IF

4.38  
L-index

#	Paper	IF	Citations
37	Aerobic high-intensity intervals improve VO <sub>2</sub> max more than moderate training. <i>Medicine and Science in Sports and Exercise</i> , <b>2007</b> , 39, 665-71	1.2	696
36	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , <b>2017</b> , 135, 839-849	16.7	205
35	Age-predicted maximal heart rate in healthy subjects: The HUNT Fitness study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2013</b> , 23, 697-704	4.6	130
34	Determinants of erythropoietin release in response to short-term hypobaric hypoxia. <i>Journal of Applied Physiology</i> , <b>2002</b> , 92, 2361-7	3.7	127
33	High Intensity Interval Training for Maximizing Health Outcomes. <i>Progress in Cardiovascular Diseases</i> , <b>2017</b> , 60, 67-77	8.5	111
32	Exercise-training intervention studies in competitive swimming. <i>Sports Medicine</i> , <b>2012</b> , 42, 527-43	10.6	71
31	Defining the "dose" of altitude training: how high to live for optimal sea level performance enhancement. <i>Journal of Applied Physiology</i> , <b>2014</b> , 116, 595-603	3.7	69
30	Comparison of Three Popular Exercise Modalities on VO <sub>2</sub> max in Overweight and Obese. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 491-8	1.2	53
29	Home-based versus hospital-based high-intensity interval training in cardiac rehabilitation: a randomized study. <i>European Journal of Preventive Cardiology</i> , <b>2014</b> , 21, 1070-8	3.9	45
28	Effect of aerobic high-intensity hybrid training on stroke volume and peak oxygen consumption in men with spinal cord injury. <i>American Journal of Physical Medicine and Rehabilitation</i> , <b>2011</b> , 90, 407-14	2.6	44
27	Long-term Exercise Adherence After High-intensity Interval Training in Cardiac Rehabilitation: A Randomized Study. <i>Physiotherapy Research International</i> , <b>2016</b> , 21, 54-64	1.8	40
26	Does rating of perceived exertion result in target exercise intensity during interval training in cardiac rehabilitation? A study of the Borg scale versus a heart rate monitor. <i>Journal of Science and Medicine in Sport</i> , <b>2014</b> , 17, 541-5	4.4	34
25	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> , <b>2015</b> , 50, 58-64	5	33
24	Interval and strength training in CAD patients. <i>International Journal of Sports Medicine</i> , <b>2011</b> , 32, 54-9	3.6	31
23	Maximal strength training restores walking mechanical efficiency in heart patients. <i>International Journal of Sports Medicine</i> , <b>2009</b> , 30, 337-42	3.6	22
22	Urine acid-base compensation at simulated moderate altitude. <i>High Altitude Medicine and Biology</i> , <b>2006</b> , 7, 64-71	1.9	21
21	The Combined Association of Skeletal Muscle Strength and Physical Activity on Mortality in Older Women: The HUNT2 Study. <i>Mayo Clinic Proceedings</i> , <b>2017</b> , 92, 710-718	6.4	16

20	Patients with coronary artery- or chronic obstructive pulmonary disease walk with mechanical inefficiency. <i>Scandinavian Cardiovascular Journal</i> , <b>2007</b> , 41, 405-10	2	15
19	Effects of upper-body sprint-interval training on strength and endurance capacities in female cross-country skiers. <i>PLoS ONE</i> , <b>2017</b> , 12, e0172706	3.7	14
18	Sport-Specific Physiological Adaptations in Highly Trained Endurance Athletes. <i>Medicine and Science in Sports and Exercise</i> , <b>2015</b> , 47, 2150-7	1.2	14
17	Living altitude influences endurance exercise performance change over time at altitude. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 1151-8	3.7	14
16	Effect of lower extremity functional electrical stimulation pulsed isometric contractions on arm cycling peak oxygen uptake in spinal cord injured individuals. <i>Journal of Rehabilitation Medicine</i> , <b>2013</b> , 45, 254-9	3.4	11
15	Aerobic interval training improves VO <sub>2</sub> peak in coronary artery disease patients; no additional effect from hyperoxia. <i>Scandinavian Cardiovascular Journal</i> , <b>2008</b> , 42, 303-9	2	11
14	High-intensity interval training improves obstructive sleep apnoea. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2016</b> , 2,	3.4	10
13	OPTIMAL ALTITUDE FOR ???LIVING HIGH-TRAINING LOW???. <i>Medicine and Science in Sports and Exercise</i> , <b>2001</b> , 33, S292	1.2	8
12	Baseline and Exercise Predictors of VO <sub>2</sub> peak in Systolic Heart Failure Patients: Results from SMARTEX-HF. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 810-819	1.2	8
11	Safety of the CO-Rebreathing Method in Patients with Coronary Artery Disease. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 33-8	1.2	8
10	How to Be 80 Year Old and Have a VO <sub>2</sub> max of a 35 Year Old. <i>Case Reports in Medicine</i> , <b>2015</b> , 2015, 9095617	0.7	7
9	Effect of Change in VO <sub>2</sub> max on Daily Total Energy Expenditure in a Cohort of Norwegian Men: A Randomized Pilot Study. <i>Open Cardiovascular Medicine Journal</i> , <b>2015</b> , 9, 50-7	0.7	7
8	EFFECTS OF 3 WEEKS HYPOXIC INTERVAL TRAINING ON SEA LEVEL CYCLING PERFORMANCE AND HEMATOLOGICAL PARAMETERS.. <i>Medicine and Science in Sports and Exercise</i> , <b>2002</b> , 34, S224	1.2	6
7	Upper arm venous compliance and fitness in stable coronary artery disease patients and healthy controls. <i>Clinical Physiology and Functional Imaging</i> , <b>2017</b> , 37, 498-506	2.4	3
6	Effect of leg vascular occlusion on arm cycling peak oxygen uptake in spinal cord-injured individuals. <i>Spinal Cord</i> , <b>2012</b> , 50, 298-302	2.7	3
5	Intensity Control During Block-Periodized High-Intensity Training: Heart Rate and Lactate Concentration During Three Annual Seasons in World-Class Cross-Country Skiers. <i>Frontiers in Sports and Active Living</i> , <b>2020</b> , 2, 549407	2.3	1
4	Exercise training and high-sensitivity cardiac troponin T in patients with heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , <b>2021</b> , 8, 2183-2192	3.7	1
3	Blood Volume, Hemoglobin Mass, and Peak Oxygen Uptake in Older Adults: The Generation 100 Study. <i>Frontiers in Sports and Active Living</i> , <b>2021</b> , 3, 638139	2.3	0

2 Comparing cardiorespiratory fitness across populations. *Chest*, **2014**, 146, e30 5.3

1 EPO RESPONSE TO 24 HRS OF ARTIFICIAL HYPOBARIC HYPOXIA PREDICTS EPO RESPONSE TO NATURAL ALTITUDE. *Medicine and Science in Sports and Exercise*, **2001**, 33, S98 1.2