

Jonny Hisdal

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

1,293
citations

516710

16
h-index

434195

31
g-index

99
all docs

99
docs citations

99
times ranked

2043
citing authors

#	ARTICLE	IF	CITATIONS
1	Right Ventricular Dysfunction and Remodeling in Chronic Obstructive Pulmonary Disease Without Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1103-1111.	2.8	164
2	Remission is the goal for cardiovascular risk management in patients with rheumatoid arthritis: a cross-sectional comparative study. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 812-817.	0.9	101
3	Haemodynamic responses to exercise in patients with COPD. <i>European Respiratory Journal</i> , 2013, 41, 1031-1041.	6.7	90
4	Carotid Plaque Characteristics and Disease Activity in Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2013, 40, 359-368.	2.0	89
5	Intraocular Pressure Increases in Parallel with Systemic Blood Pressure during Isometric Exercise. , 2009, 50, 760.		72
6	Predictive Value of Arterial Stiffness and Subclinical Carotid Atherosclerosis for Cardiovascular Disease in Patients with Rheumatoid Arthritis. <i>Journal of Rheumatology</i> , 2016, 43, 1622-1630.	2.0	49
7	Delayed myonuclear addition, myofiber hypertrophy, and increases in strength with high-frequency low-load blood flow restricted training to volitional failure. <i>Journal of Applied Physiology</i> , 2019, 126, 578-592.	2.5	42
8	Tissue Oxygen Saturation and Finger Perfusion Index in Central Hypovolemia. <i>Critical Care Medicine</i> , 2015, 43, 747-756.	0.9	39
9	Afterload Hypersensitivity in Patients With Left Bundle Branch Block. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 967-977.	5.3	34
10	Beat-to-beat cardiovascular responses to rapid, low-level LBNP in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001, 281, R213-R221.	1.8	29
11	Rosuvastatin improves endothelial function in patients with inflammatory joint diseases, longitudinal associations with atherosclerosis and arteriosclerosis: results from the RORA-AS statin intervention study. <i>Arthritis Research and Therapy</i> , 2015, 17, 279.	3.5	29
12	Blood pressure response to isometric exercise in patients with peripheral atherosclerotic disease. <i>Clinical Physiology and Functional Imaging</i> , 2007, 27, 109-115.	1.2	28
13	Application of intermittent negative pressure on the lower extremity and its effect on macro- and microcirculation in the foot of healthy volunteers. <i>Physiological Reports</i> , 2016, 4, e12911.	1.7	22
14	Fluctuation in shear rate, with unaltered mean shear rate, improves brachial artery flow-mediated dilation in healthy, young men. <i>Journal of Applied Physiology</i> , 2019, 126, 1687-1693.	2.5	22
15	Regulation of arterial blood pressure in humans during isometric muscle contraction and lower body negative pressure. <i>European Journal of Applied Physiology</i> , 2004, 91, 336-341.	2.5	18
16	Twelve-Months Follow-up of Supervised Exercise after Percutaneous Transluminal Angioplasty for Intermittent Claudication: A Randomised Clinical Trial. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 5998-6014.	2.6	18
17	Uveitis is associated with hypertension and atherosclerosis in patients with ankylosing spondylitis: A cross-sectional study. <i>Seminars in Arthritis and Rheumatism</i> , 2014, 44, 309-313.	3.4	18
18	Effect of a Low-Carbohydrate High-Fat Diet and a Single Bout of Exercise on Glucose Tolerance, Lipid Profile and Endothelial Function in Normal Weight Young Healthy Females. <i>Frontiers in Physiology</i> , 2019, 10, 1499.	2.8	17

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19	Onset of mild lower body negative pressure induces transient change in mean arterial pressure in humans. <i>European Journal of Applied Physiology</i> , 2002, 87, 251-256.	2.5	16
20	Sustained Improvement of Arterial Stiffness and Blood Pressure after Long-Term Rosuvastatin Treatment in Patients with Inflammatory Joint Diseases: Results from the RORA-AS Study. <i>PLoS ONE</i> , 2016, 11, e0153440.	2.5	16
21	Design of a chamber for lower body negative pressure with controlled onset rate. <i>Aviation, Space, and Environmental Medicine</i> , 2003, 74, 874-8.	0.5	16
22	Associations between coronary and carotid artery atherosclerosis in patients with inflammatory joint diseases. <i>RMD Open</i> , 2017, 3, e000544.	3.8	15
23	Recellularization of Decellularized Venous Grafts Using Peripheral Blood: A Critical Evaluation. <i>EBioMedicine</i> , 2018, 32, 215-222.	6.1	15
24	Reduced preload elicits increased LV twist in healthy humans. <i>Clinical Physiology and Functional Imaging</i> , 2011, 31, 382-389.	1.2	14
25	Left Ventricular Contraction Pattern in Chronic Aortic Regurgitation and Preserved Ejection Fraction: Simultaneous Stress-Strain Analysis by Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 422-430.e2.	2.8	14
26	The effects of intermittent negative pressure on the lower extremities' peripheral circulation and wound healing in four patients with lower limb ischemia and hard-to-heal leg ulcers: a case report. <i>Physiological Reports</i> , 2016, 4, e12998.	1.7	13
27	Gastroscopy assisted laser Doppler flowmetry and visible light spectroscopy in patients with chronic mesenteric ischemia. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 541-549.	1.2	13
28	The acute effects of lower limb intermittent negative pressure on foot macro- and microcirculation in patients with peripheral arterial disease. <i>PLoS ONE</i> , 2017, 12, e0179001.	2.5	12
29	Cerebral blood flow velocity during simultaneous changes in mean arterial pressure and cardiac output in healthy volunteers. <i>European Journal of Applied Physiology</i> , 2021, 121, 2207-2217.	2.5	11
30	Cardiopulmonary exercise test and PaO ₂ in evaluation of pulmonary hypertension in COPD. <i>International Journal of COPD</i> , 2018, Volume 13, 91-100.	2.3	10
31	Lung function and oxygen saturation after participation in Norseman Xtreme Triathlon. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1008-1016.	2.9	10
32	Contrast-enhanced ultrasound detects type II endoleaks during follow-up for endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2020, 72, 1952-1959.	1.1	10
33	Exercise capacity in COPD patients with exercise-induced pulmonary hypertension. <i>International Journal of COPD</i> , 2018, Volume 13, 3599-3610.	2.3	9
34	Association of Chest Pain and Risk of Cardiovascular Disease with Coronary Atherosclerosis in Patients with Inflammatory Joint Diseases. <i>Frontiers in Medicine</i> , 2015, 2, 80.	2.6	8
35	Increased LV apical untwist during preload reduction in healthy humans: an echocardiographic speckle tracking study during lower body negative pressure. <i>Physiological Reports</i> , 2015, 3, e12330.	1.7	8
36	The effects of yoga on student mental health: a randomised controlled trial. <i>Health Psychology and Behavioral Medicine</i> , 2020, 8, 573-586.	1.8	8

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37	Respiratory Variations in Pulse Pressure Reflect Central Hypovolemia during Noninvasive Positive Pressure Ventilation. <i>Critical Care Research and Practice</i> , 2014, 2014, 1-9.	1.1	7
38	Effects of 12 Weeks of Supervised Exercise After Endovascular Treatment: A Randomized Clinical Trial. <i>Physiotherapy Research International</i> , 2015, 20, 147-157.	1.5	7
39	Intermittent mild negative pressure applied to the lower limb in patients with spinal cord injury and chronic lower limb ulcers: a crossover pilot study. <i>Spinal Cord</i> , 2018, 56, 372-381.	1.9	7
40	Associations between changes in precerebral blood flow and cerebral oximetry in the lower body negative pressure model of hypovolemia in healthy volunteers. <i>PLoS ONE</i> , 2019, 14, e0219154.	2.5	7
41	Core Temperature in Triathletes during Swimming with Wetsuit in 10 Å°C Cold Water. <i>Sports</i> , 2019, 7, 130.	1.7	7
42	The acute effects of different levels of intermittent negative pressure on peripheral circulation in patients with peripheral artery disease. <i>Physiological Reports</i> , 2019, 7, e14241.	1.7	7
43	Effects of Krill Oil and Race Distance on Serum Choline and Choline Metabolites in Triathletes: A Field Study. <i>Frontiers in Nutrition</i> , 2020, 7, 133.	3.7	7
44	<p>Perioperative Microcirculatory Changes Detected with Gastroscopy Assisted Laser Doppler Flowmetry and Visible Light Spectroscopy in Patients with Median Arcuate Ligament Syndrome</p>. <i>Vascular Health and Risk Management</i> , 2020, Volume 16, 331-341.	2.3	7
45	Influence of Interval Training Frequency on Time-Trial Performance in Elite Endurance Athletes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3190.	2.6	7
46	Reduced L-Arginine and L-Arginine-ADMA-Ratio, and Increased SDMA after Norseman Xtreme Triathlon. <i>Sports</i> , 2021, 9, 120.	1.7	7
47	Biochemical markers after the Norseman Extreme Triathlon. <i>PLoS ONE</i> , 2020, 15, e0239158.	2.5	7
48	Laparoscopic Surgery for Median Arcuate Ligament Syndrome (MALS): A Prospective Cohort of 52 Patients. <i>Vascular Health and Risk Management</i> , 2022, Volume 18, 139-151.	2.3	7
49	Cardiac power parameters during hypovolemia, induced by the lower body negative pressure technique, in healthy volunteers. <i>BMC Anesthesiology</i> , 2015, 16, 31.	1.8	6
50	A randomized controlled trial of treatment with intermittent negative pressure for intermittent claudication. <i>Journal of Vascular Surgery</i> , 2021, 73, 1750-1758.e1.	1.1	6
51	Regional <sc>LV</sc> deformation in healthy individuals during isovolumetric contraction and ejection phases assessed by 2<sc>D</sc> speckle tracking echocardiography. <i>Clinical Physiology and Functional Imaging</i> , 2012, 32, 372-379.	1.2	5
52	Assessment of Right Ventricular Afterload in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2016, 13, 176-185.	1.6	5
53	Intermittent negative pressure applied to the lower limb increases foot macrocirculatory and microcirculatory blood flow pulsatility in people with spinal cord injury. <i>Spinal Cord</i> , 2018, 56, 382-391.	1.9	5
54	The effects of sympathetic activity induced by ice water on blood flow and brachial artery flow-mediated dilatation response in healthy volunteers. <i>PLoS ONE</i> , 2019, 14, e0219814.	2.5	5

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55	Vascular Function in Norwegian Female Elite Runners: A Cross-Sectional, Controlled Study. <i>Sports</i> , 2022, 10, 37.	1.7	5
56	Blood flow in the brachial artery increases after intense cycling exercise. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2009, 69, 752-763.	1.2	4
57	Reduced reactive hyperemia may explain impaired flow-mediated dilation after on-pump cardiac surgery. <i>Physiological Reports</i> , 2017, 5, e13274.	1.7	4
58	Late-Presenting Swimming-Induced Pulmonary Edema: A Case Report Series from the Norseman Xtreme Triathlon. <i>Sports</i> , 2019, 7, 137.	1.7	4
59	Effects of long-term statin-treatment on coronary atherosclerosis in patients with inflammatory joint diseases. <i>PLoS ONE</i> , 2019, 14, e0226479.	2.5	4
60	Near-Infrared Spectra in Buccal Tissue as a Marker for Detection of Hypoxia. <i>Aerospace Medicine and Human Performance</i> , 2016, 87, 498-504.	0.4	3
61	Validation of a novel ultrasound Doppler monitoring device (earlybird) for detection of microvascular circulatory changes. <i>Clinical Hemorheology and Microcirculation</i> , 2020, 74, 429-440.	1.7	3
62	Left ventricular dysfunction in COPD without pulmonary hypertension. <i>PLoS ONE</i> , 2020, 15, e0235075.	2.5	3
63	Does Cold-Water Endurance Swimming Affect Pulmonary Function in Healthy Adults?. <i>Sports</i> , 2021, 9, 7.	1.7	3
64	Lower Extremity Intermittent Negative Pressure for Intermittent Claudication. Follow-Up after 24 Weeks of Treatment. <i>Annals of Vascular Surgery</i> , 2021, 75, 253-258.	0.9	3
65	Effect of high-intensity exercise on cardiorespiratory fitness, cardiovascular disease risk and disease activity in patients with inflammatory joint disease: protocol for the ExeHeart randomised controlled trial. <i>BMJ Open</i> , 2022, 12, e058634.	1.9	3
66	Early Identification of Chronic Mesenteric Ischemia with Endoscopic Duplex Ultrasound. <i>Vascular Health and Risk Management</i> , 2022, Volume 18, 233-243.	2.3	3
67	Effects of experimental hypovolemia and pain on pre-ejection period and pulse transit time in healthy volunteers. <i>Physiological Reports</i> , 2022, 10, .	1.7	3
68	Prevalence of Asthma among Norwegian Elite Athletes. <i>Translational Sports Medicine</i> , 2022, 2022, 1-10.	1.1	3
69	Novel Design of an Optical Probe for Detecting Perfusion Changes in Buccal Tissue. <i>IEEE Sensors Journal</i> , 2012, 12, 1861-1867.	4.7	2
70	Elevated Arterial Lactate Concentrations Early After Coronary Artery Bypass Grafting Are Associated With Increased Anaerobic Metabolism in Skeletal Muscle. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 367-373.	1.3	2
71	Histological Analysis of a Long Term Patent Subintimal Canal in the Superficial Femoral Artery. <i>EJVES Vascular Forum</i> , 2021, 50, 19-23.	0.4	2
72	The FlowOx device for the treatment of peripheral artery disease: current status and future prospects. <i>Expert Review of Medical Devices</i> , 2021, 18, 217-220.	2.8	2

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73	Effects of intermittent negative pressure treatment on circulating vascular biomarkers in patients with intermittent claudication. <i>Vascular Medicine</i> , 2021, 26, 489-496.	1.5	2
74	Transient Reduction of FMD-Response and L-Arginine Accompanied by Increased Levels of E-Selectin, VCAM, and ICAM after Prolonged Strenuous Exercise. <i>Sports</i> , 2021, 9, 86.	1.7	2
75	Factors mediating the pressor response to isometric muscle contraction: An experimental study in healthy volunteers during lower body negative pressure. <i>PLoS ONE</i> , 2020, 15, e0243627.	2.5	2
76	Validation of a novel ultrasound Doppler monitoring device (earlybird) for measurements of volume flow rate in arteriovenous fistulas for hemodialysis. <i>Journal of Vascular Access</i> , 2021, , 112972982110609.	0.9	2
77	Walking distance and quality of life in patients selected for endovascular treatment. <i>European Journal of Physiotherapy</i> , 2013, 15, 185-192.	1.3	1
78	Three-dimensional ultrasound volume and conventional ultrasound diameter changes are equally good markers of endoleak in follow-up after endovascular aneurysm repair. <i>Journal of Vascular Surgery</i> , 2022, 75, 1030-1037.e1.	1.1	1
79	Effects of supplemental oxygen on systemic and cerebral hemodynamics in experimental hypovolemia: Protocol for a randomized, double blinded crossover study. <i>PLoS ONE</i> , 2022, 17, e0270598.	2.5	1
80	The authors reply. <i>Critical Care Medicine</i> , 2015, 43, e463-e464.	0.9	0
81	Cardiac function assessed by exercise echocardiography on the first morning after coronary artery bypass grafting. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 274-280.	1.2	0
82	Respiratory variations in pulse pressure and photoplethysmographic waveform amplitude during positive expiratory pressure and continuous positive airway pressure in a model of progressive hypovolemia. <i>PLoS ONE</i> , 2019, 14, e0223071.	2.5	0
83	Core Temperature during Cold-Water Triathlon Swimming. <i>Sports</i> , 2021, 9, 87.	1.7	0
84	Left ventricular dysfunction in COPD without pulmonary hypertension. , 2020, 15, e0235075.		0
85	Left ventricular dysfunction in COPD without pulmonary hypertension. , 2020, 15, e0235075.		0
86	Left ventricular dysfunction in COPD without pulmonary hypertension. , 2020, 15, e0235075.		0
87	Left ventricular dysfunction in COPD without pulmonary hypertension. , 2020, 15, e0235075.		0
88	Biochemical markers after the Norseman Extreme Triathlon. , 2020, 15, e0239158.		0
89	Biochemical markers after the Norseman Extreme Triathlon. , 2020, 15, e0239158.		0
90	Biochemical markers after the Norseman Extreme Triathlon. , 2020, 15, e0239158.		0

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91	Biochemical markers after the Norseman Extreme Triathlon. , 2020, 15, e0239158.		0
92	Title is missing!. , 2020, 15, e0243627.		0
93	Title is missing!. , 2020, 15, e0243627.		0
94	Title is missing!. , 2020, 15, e0243627.		0
95	Title is missing!. , 2020, 15, e0243627.		0
96	The Effect of 12-Week Treatment with Intermittent Negative Pressure on Blood Flow Velocity and Flowmotion, Measured with a Novel Doppler Device (Earlybird). Secondary Outcomes from a Randomized Sham-Controlled Trial in Patients with Peripheral Arterial Disease. Annals of Vascular Surgery, 2022, , .	0.9	0