

# Havard Dalen

## List of Publications by Year in descending order

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Version: 2024-02-01

113  
papers

4,758  
citations

126907

33  
h-index

110387

64  
g-index

116  
all docs

116  
docs citations

116  
times ranked

8328  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biobank-driven genomic discovery yields new insight into atrial fibrillation biology. <i>Nature Genetics</i> , 2018, 50, 1234-1239.	21.4	547
2	High-Intensity Interval Training in Patients With Heart Failure With Reduced Ejection Fraction. <i>Circulation</i> , 2017, 135, 839-849.	1.6	297
3	Systematic evaluation of coding variation identifies a candidate causal variant in TM6SF2 influencing total cholesterol and myocardial infarction risk. <i>Nature Genetics</i> , 2014, 46, 345-351.	21.4	268
4	Segmental and global longitudinal strain and strain rate based on echocardiography of 1266 healthy individuals: the HUNT study in Norway. <i>European Heart Journal Cardiovascular Imaging</i> , 2010, 11, 176-183.	1.2	227
5	Ethnic-Specific Normative Reference Values for Echocardiographic LA and LV Size, LV Mass, and Systolic Function. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 656-665.	5.3	182
6	Reference Values and Distribution of Conventional Echocardiographic Doppler Measures and Longitudinal Tissue Doppler Velocities in a Population Free From Cardiovascular Disease. <i>Circulation: Cardiovascular Imaging</i> , 2010, 3, 614-622.	2.6	149
7	Focus cardiac ultrasound: the European Association of Cardiovascular Imaging viewpoint. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 956-960.	1.2	147
8	Reproducibility in echocardiographic assessment of the left ventricular global and regional function, the HUNT study. <i>European Journal of Echocardiography</i> , 2010, 11, 149-156.	2.3	109
9	Feasibility and reliability of point-of-care pocket-sized echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2011, 12, 665-670.	1.2	101
10	Association of growth differentiation factor 11/8, putative anti-ageing factor, with cardiovascular outcomes and overall mortality in humans: analysis of the Heart and Soul and HUNT3 cohorts. <i>European Heart Journal</i> , 2015, 36, 3426-3434.	2.2	100
11	Routinely adding ultrasound examinations by pocket-sized ultrasound devices improves inpatient diagnostics in a medical department. <i>European Journal of Internal Medicine</i> , 2012, 23, 185-191.	2.2	98
12	Does pregnancy complication history improve cardiovascular disease risk prediction? Findings from the HUNT study in Norway. <i>European Heart Journal</i> , 2019, 40, 1113-1120.	2.2	93
13	Feasibility and reliability of point-of-care pocket-size echocardiography performed by medical residents. <i>European Heart Journal Cardiovascular Imaging</i> , 2013, 14, 1195-1202.	1.2	89
14	Impact of Sex on the Prognostic Value of High-Sensitivity Cardiac Troponin I in the General Population: The HUNT Study. <i>Clinical Chemistry</i> , 2015, 61, 646-656.	3.2	88
15	The use of handheld ultrasound devices: a position statement of the European Association of Cardiovascular Imaging (2018 update). <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 245-252.	1.2	87
16	Genome-wide Study of Atrial Fibrillation Identifies Seven Risk Loci and Highlights Biological Pathways and Regulatory Elements Involved in Cardiac Development. <i>American Journal of Human Genetics</i> , 2018, 102, 103-115.	6.2	86
17	Association of Conventional Cardiovascular Risk Factors With Cardiovascular Disease After Hypertensive Disorders of Pregnancy. <i>JAMA Cardiology</i> , 2019, 4, 628.	6.1	84
18	Diagnostic Influence of Routine Point-of-Care Pocket-size Ultrasound Examinations Performed by Medical Residents. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 627-636.	1.7	82

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19	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.	6.0	72
20	Relative Prognostic Value of Cardiac Troponin I and C-Reactive Protein in the General Population (from the Nord-Trøndelag Health [HUNT] Study). <i>American Journal of Cardiology</i> , 2018, 121, 949-955.	1.6	71
21	Feasibility and accuracy of point-of-care pocket-size ultrasonography performed by medical students. <i>BMC Medical Education</i> , 2014, 14, 156.	2.4	67
22	Symptoms of anxiety and depression and risk of acute myocardial infarction: the HUNT 2 study. <i>European Heart Journal</i> , 2014, 35, 1394-1403.	2.2	62
23	Cardiovascular Risk Factors and Systolic and Diastolic Cardiac Function: A Tissue Doppler and Speckle Tracking Echocardiographic Study. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 322-332.e6.	2.8	59
24	Symptoms of anxiety and depression and risk of heart failure: the HUNT Study. <i>European Journal of Heart Failure</i> , 2014, 16, 861-870.	7.1	59
25	Home-based versus hospital-based high-intensity interval training in cardiac rehabilitation: a randomized study. <i>European Journal of Preventive Cardiology</i> , 2014, 21, 1070-1078.	1.8	59
26	Adding point of care ultrasound to assess volume status in heart failure patients in a nurse-led outpatient clinic. A randomised study. <i>Heart</i> , 2016, 102, 29-34.	2.9	57
27	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.	2.2	56
28	Echocardiography without electrocardiogram. <i>European Journal of Echocardiography</i> , 2011, 12, 3-10.	2.3	49
29	Impaired exercise capacity and left ventricular function in long-term adult survivors of childhood acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2015, 62, 1437-1443.	1.5	48
30	Long-term Exercise Adherence After High-intensity Interval Training in Cardiac Rehabilitation: A Randomized Study. <i>Physiotherapy Research International</i> , 2016, 21, 54-64.	1.5	45
31	Feasibility and reliability of pocket-size ultrasound examinations of the pleural cavities and vena cava inferior performed by nurses in an outpatient heart failure clinic. <i>European Journal of Cardiovascular Nursing</i> , 2015, 14, 286-293.	0.9	44
32	Heart Failure and Asymptomatic Left Ventricular Systolic Dysfunction in Lymphoma Survivors Treated With Autologous Stem-Cell Transplantation: A National Cross-Sectional Study. <i>Journal of Clinical Oncology</i> , 2015, 33, 2683-2691.	1.6	44
33	Valvular Dysfunction in Lymphoma Survivors Treated With Autologous Stem-Cell Transplantation. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 230-239.	5.3	44
34	Cardiac Dysfunction and Arrhythmias 3 Months After Hospitalization for COVID-19. <i>Journal of the American Heart Association</i> , 2022, 11, e023473.	3.7	41
35	Right ventricular function in long-term adult survivors of childhood lymphoma and acute lymphoblastic leukaemia. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 735-741.	1.2	35
36	A meta-analysis of echocardiographic measurements of the left heart for the development of normative reference ranges in a large international cohort: the EchoNoRMAL study. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 341-348.	1.2	34

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37	Relation between Mitral Annular Plane Systolic Excursion and Global longitudinal strain in normal subjects: The HUNT study. <i>Echocardiography</i> , 2018, 35, 603-610.	0.9	33
38	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.	1.5	32
39	Diagnostic influence of cardiovascular screening by pocket-size ultrasound in a cardiac unit. <i>European Heart Journal Cardiovascular Imaging</i> , 2011, 12, 737-743.	1.2	31
40	Three-Dimensional Echocardiography in the Evaluation of Global and Regional Function in Patients with Recent Myocardial Infarction: A Comparison with Magnetic Resonance Imaging. <i>Echocardiography</i> , 2013, 30, 682-692.	0.9	31
41	Impact of Smoking on Circulating Cardiac Troponin I Concentrations and Cardiovascular Events in the General Population. <i>Circulation</i> , 2016, 134, 1962-1972.	1.6	30
42	Classic-Pattern Dyssynchrony in Adolescents and Adults With a Fontan Circulation. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 211-219.	2.8	30
43	Aerobic Exercise Training Improves Right- and Left Ventricular Systolic Function in Patients with COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 300-306.	1.6	29
44	Asthma, asthma control and risk of acute myocardial infarction: HUNT study. <i>European Journal of Epidemiology</i> , 2019, 34, 967-977.	5.7	29
45	Impaired Right Ventricular Function in Long-Term Lymphoma Survivors. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 528-536.	2.8	28
46	Gender, High-Sensitivity Troponin I, and the Risk of Cardiovascular Events (from the Nord-Trøndelag Health Study). <i>Journal of the American College of Cardiology</i> , 2016, 67, 1073-1081.	1.6	28
47	Left Ventricular Function in Long-Term Survivors of Childhood Lymphoma. <i>American Journal of Cardiology</i> , 2014, 114, 483-490.	1.6	26
48	Temporal Changes in Cardiac Troponin I Are Associated with Risk of Cardiovascular Events in the General Population: The Nord-Trøndelag Health Study. <i>Clinical Chemistry</i> , 2019, 65, 871-881.	3.2	25
49	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.	3.1	24
50	Acute perimyocarditis with cardiac tamponade in COVID-19 infection without respiratory disease. <i>BMJ Case Reports</i> , 2020, 13, e236218.	0.5	24
51	Identification of a definite diabetic cardiomyopathy in type 2 diabetes by comprehensive echocardiographic evaluation: A cross-sectional comparison with non-diabetic weight-matched controls. <i>Journal of Diabetes</i> , 2015, 7, 779-790.	1.8	23
52	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.	3.0	23
53	Utility of Global Longitudinal Strain by Echocardiography to Detect Left Ventricular Dysfunction in Long-Term Adult Survivors of Childhood Lymphoma and Acute Lymphoblastic Leukemia. <i>American Journal of Cardiology</i> , 2016, 118, 446-452.	1.6	22
54	Derivation and Evaluation of Age-Specific Multivariate Reference Regions to Aid in Identification of Abnormal Filling Patterns. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 400-408.	5.3	22

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55	Focused ultrasound of the pleural cavities and the pericardium by nurses after cardiac surgery. <i>Scandinavian Cardiovascular Journal</i> , 2015, 49, 56-63.	1.2	20
56	Cardiorespiratory Fitness and the Risk of First Acute Myocardial Infarction: The HUNT Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010293.	3.7	20
57	Psychometric Properties of the Norwegian Version of the Electronic Health Literacy Scale (eHEALS) Among Patients After Percutaneous Coronary Intervention: Cross-Sectional Validation Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e17312.	4.3	20
58	Feasibility and Diagnostic Accuracy of Point-of-Care Abdominal Sonography by Pocket-Sized Imaging Devices, Performed by Medical Residents. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 1195-1202.	1.7	19
59	Importance of length and external diameter in left ventricular geometry. Normal values from the HUNT Study. <i>Open Heart</i> , 2016, 3, e000465.	2.3	17
60	Effect of 5 years of exercise training on the cardiovascular risk profile of older adults: the Generation 100 randomized trial. <i>European Heart Journal</i> , 2022, 43, 2065-2075.	2.2	17
61	Peak systolic velocity indices are more sensitive than end-systolic indices in detecting contraction changes assessed by echocardiography in young healthy humans. <i>European Heart Journal Cardiovascular Imaging</i> , 2011, 12, 924-930.	1.2	16
62	No large-effect low-frequency coding variation found for myocardial infarction. <i>Human Molecular Genetics</i> , 2014, 23, 4721-4728.	2.9	16
63	Left Atrial Volume, Cardiorespiratory Fitness, and Diastolic Function in Healthy Individuals: The HUNT Study, Norway. <i>Journal of the American Heart Association</i> , 2020, 9, e014682.	3.7	16
64	Realtime Automatic Assessment of Cardiac Function in Echocardiography. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2016, 63, 358-368.	3.0	15
65	Feasibility and Accuracy of Tele-Echocardiography, With Examinations by Nurses and Interpretation by an Expert via Telemedicine, in an Outpatient Heart Failure Clinic. <i>Journal of Ultrasound in Medicine</i> , 2020, 39, 2313-2323.	1.7	15
66	Feasibility and clinical implementation of hand-held echocardiography. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 49-54.	1.5	14
67	Automatic Measurements of Mitral Annular Plane Systolic Excursion and Velocities to Detect Left Ventricular Dysfunction. <i>Ultrasound in Medicine and Biology</i> , 2018, 44, 168-176.	1.5	14
68	Ventricular mechanics in adolescent and adult patients with a Fontan circulation: Relation to geometry and wall stress. <i>Echocardiography</i> , 2018, 35, 2035-2046.	0.9	14
69	Left ventricular global strains by linear measurements in three dimensions: interrelations and relations to age, gender and body size in the HUNT Study. <i>Open Heart</i> , 2019, 6, e001050.	2.3	14
70	Strain rate imaging combined with wall motion analysis gives incremental value in direct quantification of myocardial infarct size. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 914-921.	1.2	13
71	Safety of the CO-Rebreathing Method in Patients with Coronary Artery Disease. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 33-38.	0.4	13
72	Baseline and Exercise Predictors of $\dot{V}E^{\text{TM}}\text{O}_2\text{peak}$ in Systolic Heart Failure Patients: Results from SMARTEX-HF. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 810-819.	0.4	13

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73	Left ventricular longitudinal shortening: relation to stroke volume and ejection fraction in ageing, blood pressure, body size and gender in the HUNT3 study. <i>Open Heart</i> , 2020, 7, e001243.	2.3	12
74	Exercise Training Normalizes Timing of Left Ventricular Untwist Rate, but Not Peak Untwist Rate, in Individuals with Type 2 Diabetes and Diastolic Dysfunction: A Pilot Study. <i>Journal of the American Society of Echocardiography</i> , 2016, 29, 421-430.e2.	2.8	10
75	Patient-reported outcomes and associations with pleural effusion in outpatients with heart failure: an observational cohort study. <i>BMJ Open</i> , 2017, 7, e013734.	1.9	10
76	Systolic Dysfunction in Systemic Sclerosis: Prevalence and Prognostic Implications. <i>ACR Open Rheumatology</i> , 2019, 1, 258-266.	2.1	10
77	Variability of echocardiographic measures of left ventricular diastolic function. The HUNT study. <i>Echocardiography</i> , 2021, 38, 901-908.	0.9	10
78	Automatic real-time view detection. , 2009, , .		9
79	Association of Telomere Length With Myocardial Infarction: A Prospective Cohort From the Population Based HUNT 2 Study. <i>Progress in Cardiovascular Diseases</i> , 2017, 59, 649-655.	3.1	9
80	Light to moderate alcohol consumption and left ventricular function among healthy, middle-aged adults: the HUNT study. <i>BMJ Open</i> , 2018, 8, e020777.	1.9	9
81	Translation of Simultaneous Vessel Wall Motion and Vectorial Blood Flow Imaging in Healthy and Diseased Carotids to the Clinic: A Pilot Study. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 558-569.	3.0	9
82	Insomnia and left ventricular function – an echocardiography study. <i>Scandinavian Cardiovascular Journal</i> , 2016, 50, 187-192.	1.2	7
83	Infectious tenosynovitis with bloodstream infection caused by <i>Erysipelothrix rhusiopathiae</i> , a case report on an occupational pathogen. <i>BMC Infectious Diseases</i> , 2017, 17, 12.	2.9	7
84	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
85	Automated septum thickness measurement – A Kalman filter approach. <i>Computer Methods and Programs in Biomedicine</i> , 2012, 108, 477-486.	4.7	6
86	Normal ranges for automatic measurements of tissue Doppler indices of mitral annular motion by echocardiography. Data from the HUNT3 Study. <i>Echocardiography</i> , 2019, 36, 1646-1655.	0.9	6
87	Bone mineral density and risk of cardiovascular disease in men and women: the HUNT study. <i>European Journal of Epidemiology</i> , 2021, 36, 1169-1177.	5.7	6
88	Ten-Year Cardiovascular Disease Risk Trajectories by Obstetric History: A Longitudinal Study in the Norwegian HUNT Study. <i>Journal of the American Heart Association</i> , 2022, 11, e021733.	3.7	6
89	The adverse association of diabetes with risk of first acute myocardial infarction is modified by physical activity and body mass index: prospective data from the HUNT Study, Norway. <i>Diabetologia</i> , 2015, 58, 59-66.	6.3	5
90	Autoimmune diabetes in adults and risk of myocardial infarction: the HUNT study in Norway. <i>Journal of Internal Medicine</i> , 2016, 280, 518-531.	6.0	5

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91	Left ventricular diastolic function: Effects of high-intensity exercise after acute myocardial infarction. <i>Echocardiography</i> , 2020, 37, 858-866.	0.9	5
92	Over all variability of mitral annular plane peak systolic velocity and peak global longitudinal strain rate in relation to age, body size, and sex: The HUNT Study. <i>Echocardiography</i> , 2020, 37, 578-585.	0.9	5
93	The role of cardiovascular risk factors in maternal cardiovascular disease according to offspring birth characteristics in the HUNT study. <i>Scientific Reports</i> , 2021, 11, 22981.	3.3	5
94	Late thrombosis of a kinked ascending aortic graft. <i>European Journal of Cardio-thoracic Surgery</i> , 2014, 46, 140-140.	1.4	4
95	Feasibility and Reliability of Automatic Quantitative Analyses of Mitral Annular Plane Systolic Excursion by Handheld Ultrasound Devices. <i>Journal of Ultrasound in Medicine</i> , 2021, 40, 341-350.	1.7	4
96	QRS detection and cardiac cycle separation without ECG. , 2009, , .		3
97	Realtime automatic detection of heart failure in echocardiography. , 2014, , .		3
98	Automatic quantification of left ventricular function by medical students using ultrasound. <i>BMC Medical Imaging</i> , 2020, 20, 29.	2.7	3
99	Reliability and agreement of point-of-care carotid artery examinations by experts using hand-held ultrasound devices in patients with ischaemic stroke or transitory ischaemic attack. <i>Open Heart</i> , 2022, 9, e001917.	2.3	3
100	Influence of Gender and Repeated Urine Sampling on the Association of Albuminuria with Coronary Events. <i>Nephron</i> , 2016, 133, 44-52.	1.8	2
101	Intra-arterial blood pressure traits during and after heavy resistance exercise in healthy males. <i>Translational Sports Medicine</i> , 2019, 2, 325-333.	1.1	2
102	Circulating microRNAs May Serve as Biomarkers for Hypertensive Emergency End-Organ Injuries and Address Underlying Pathways in an Animal Model. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 626699.	2.4	2
103	Short-term outcome after open-heart surgery for severe chronic rheumatic heart disease in a low-income country, with comparison with an historical control group: an observational study. <i>Open Heart</i> , 2021, 8, e001706.	2.3	2
104	Real-time temporal coherent left ventricle segmentation using convolutional LSTMs. , 2021, , .		2
105	Cardiorenal syndrome and the association with fitness: Data from a telerehabilitation randomized clinical trial. <i>ESC Heart Failure</i> , 0, , .	3.1	2
106	How reproducible is the diagnosis of borderline rheumatic heart disease?. <i>International Journal of Cardiology</i> , 2021, 328, 163-164.	1.7	1
107	Feasibility and Clinical Impact of Point-of-Care Carotid Artery Examinations by Experts using Hand-Held Ultrasound Devices in Patients with Ischemic Stroke or Transitory Ischemic Attack. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 106086.	1.6	1
108	Acute effects of high intensity training on cardiac function: a pilot study comparing subjects with type 2 diabetes to healthy controls. <i>Scientific Reports</i> , 2022, 12, 8239.	3.3	1

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109	Front Cover Image. Echocardiography, 2019, 36, i.	0.9	0
110	Augmented Reality-Based Visualization for Echocardiographic Applications. , 2018, , 155-169.		0
111	Corynebacterium freneyi as a cause of early prosthetic valve endocarditis. BMJ Case Reports, 2021, 14, e245152.	0.5	0
112	Complete embolization of a mechanical aortic valve during trail runningâ€”a case report with a lucky ending. European Heart Journal - Case Reports, 2022, 6, ytac107.	0.6	0
113	Rethinking Left Atrial Enlargement. JACC: Cardiovascular Imaging, 2022, , .	5.3	0