

Svend Aakhus

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,629
citations

257450

24
h-index

197818

49
g-index

65
all docs

65
docs citations

65
times ranked

4654
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasive versus conservative strategy in patients aged 80 years or older with non-ST-elevation myocardial infarction or unstable angina pectoris (After Eighty study): an open-label randomised controlled trial. <i>Lancet, The</i> , 2016, 387, 1057-1065.	13.7	342
2	Effect of a single dose of the interleukin-6 receptor antagonist tocilizumab on inflammation and troponin T release in patients with non-ST-elevation myocardial infarction: a double-blind, randomized, placebo-controlled phase 2 trial. <i>European Heart Journal</i> , 2016, 37, 2406-2413.	2.2	270
3	Strain-Guided Management of Potentially Cardiotoxic Cancer Therapy. <i>Journal of the American College of Cardiology</i> , 2021, 77, 392-401.	2.8	218
4	Accuracy of Cuff-Measured Blood Pressure. <i>Journal of the American College of Cardiology</i> , 2017, 70, 572-586.	2.8	186
5	Relationship of visually assessed apical rocking and septal flash to response and long-term survival following cardiac resynchronization therapy (PREDICT-CRT). <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 17, 262-269.	1.2	173
6	Randomized Trial of Interleukin-6 Receptor Inhibition in Patients With Acute ST-Segment Elevation Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2021, 77, 1845-1855.	2.8	169
7	Machine Learning Analysis of Left Ventricular Function to Characterize Heart Failure With Preserved Ejection Fraction. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007138.	2.6	95
8	Left Ventricular Diastolic Dysfunction Predicts Mortality in Patients With Systemic Sclerosis. <i>Journal of the American College of Cardiology</i> , 2018, 72, 1804-1813.	2.8	78
9	EACVI appropriateness criteria for the use of transthoracic echocardiography in adults: a report of literature and current practice review. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1191-1204.	1.2	63
10	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
11	Wnt5a is elevated in heart failure and affects cardiac fibroblast function. <i>Journal of Molecular Medicine</i> , 2017, 95, 767-777.	3.9	45
12	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
13	Valvular Dysfunction in Lymphoma Survivors Treated With Autologous Stem Cell Transplantation. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 230-239.	5.3	44
14	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
15	Long-term cardiovascular outcomes in type 1 diabetic patients after simultaneous pancreas and kidney transplantation compared with living donor kidney transplantation. <i>Diabetologia</i> , 2016, 59, 844-852.	6.3	35
16	Rationale for the ASSAIL-MI-trial: a randomised controlled trial designed to assess the effect of tocilizumab on myocardial salvage in patients with acute ST-elevation myocardial infarction (STEMI). <i>Open Heart</i> , 2019, 6, e001108.	2.3	34
17	Timing of myocardial shortening determines left ventricular regional myocardial work and regional remodelling in hearts with conduction delays. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 941-949.	1.2	33
18	High Prevalence of Chronic Fatigue in Adult Long-Term Survivors of Acute Lymphoblastic Leukemia and Lymphoma During Childhood and Adolescence. <i>Journal of Adolescent and Young Adult Oncology</i> , 2013, 2, 2-9.	1.3	31

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19	Soluble ST2 reflects hemodynamic stress in non-ischemic heart failure. <i>International Journal of Cardiology</i> , 2015, 179, 378-384.	1.7	31
20	Prognostic Value of Left Ventricular Deformation Parameters in Patients with Severe Aortic Stenosis: A Pilot Study of the Usefulness of Strain Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 727-735.e1.	2.8	31
21	Wnt5a is associated with right ventricular dysfunction and adverse outcome in dilated cardiomyopathy. <i>Scientific Reports</i> , 2017, 7, 3490.	3.3	31
22	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
23	Increased Serum Levels of the Notch Ligand DLL1 Are Associated With Diastolic Dysfunction, Reduced Exercise Capacity, and Adverse Outcome in Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2016, 22, 218-223.	1.7	27
24	Left Ventricular Function in Long-Term Survivors of Childhood Lymphoma. <i>American Journal of Cardiology</i> , 2014, 114, 483-490.	1.6	26
25	3D Myocardial Mechanical Wave Measurements. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1495-1505.	5.3	26
26	Enhanced clinical phenotyping by mechanistic bioprofiling in heart failure with preserved ejection fraction: insights from the MEDIA-DHF study (The Metabolic Road to Diastolic Heart Failure). <i>Biomarkers</i> , 2020, 25, 201-211.	1.9	26
27	The Notch Ligands DLL1 and Periostin Are Associated with Symptom Severity and Diastolic Function in Dilated Cardiomyopathy. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 401-410.	2.4	24
28	Long-Term Outcome After CRT in the Presence of Mechanical Dyssynchrony Seen With Chronic RV Pacing or Intrinsic LBBB. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 1091-1099.	5.3	24
29	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
30	Sex-specific difference in outcome after cardiac resynchronization therapy. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 504-511.	1.2	23
31	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
32	Interleukin-6 receptor inhibition with tocilizumab induces a selective and substantial increase in plasma IP-10 and MIP-1 β in non-ST-elevation myocardial infarction. <i>International Journal of Cardiology</i> , 2018, 271, 1-7.	1.7	22
33	The Homeostatic Chemokine CCL21 Predicts Mortality in Aortic Stenosis Patients and Modulates Left Ventricular Remodeling. <i>PLoS ONE</i> , 2014, 9, e112172.	2.5	21
34	Cardiorespiratory fitness in long-term lymphoma survivors after high-dose chemotherapy with autologous stem cell transplantation. <i>British Journal of Cancer</i> , 2016, 115, 178-187.	6.4	20
35	The Impact of Infarct Location and Extent on LV Motion Patterns. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 655-664.	5.3	19
36	Cardiac response to early conversion from calcineurin inhibitor to everolimus in renal transplant recipients – a 3-yr serial echocardiographic substudy of the randomized controlled CENTRAL trial. <i>Clinical Transplantation</i> , 2015, 29, 678-684.	1.6	17

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37	Pathophysiological rationale and diagnostic targets for diastolic stress testing. <i>Heart</i> , 2015, 101, 1355-1360.	2.9	17
38	Elevated inflammatory markers in preeclamptic pregnancies, but no relation to systemic arterial stiffness. <i>Pregnancy Hypertension</i> , 2015, 5, 325-329.	1.4	17
39	Controlled release metoprolol for aortic regurgitation: a randomised clinical trial. <i>Heart</i> , 2016, 102, 191-197.	2.9	16
40	Neutral impact on systolic and diastolic cardiac function of 2 years of intensified multi-intervention in type 2 diabetes: The randomized controlled Asker and BÅrum Cardiovascular Diabetes (ABCD) study. <i>American Heart Journal</i> , 2014, 168, 280-288.e2.	2.7	14
41	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
42	Influence of Septal Thickness on the Clinical Outcome After Alcohol Septal Ablation in Hypertrophic Cardiomyopathy. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	13
43	Design and rationale of the HITS randomized controlled trial: Effect of High-intensity Interval Training in de novo Heart Transplant Recipients in Scandinavia. <i>American Heart Journal</i> , 2016, 172, 96-105.	2.7	13
44	Sex differences in circulating proteins in heart failure with preserved ejection fraction. <i>Biology of Sex Differences</i> , 2020, 11, 47.	4.1	12
45	Eliciting Patient Risk Willingness in Clinical Consultations as a Means of Improving Decision Making of Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2016, 5, e002828.	3.7	11
46	Exercise capacity and peak oxygen consumption in asymptomatic patients with chronic aortic regurgitation. <i>International Journal of Cardiology</i> , 2016, 223, 688-692.	1.7	10
47	Systolic Dysfunction in Systemic Sclerosis: Prevalence and Prognostic Implications. <i>ACR Open Rheumatology</i> , 2019, 1, 258-266.	2.1	10
48	Left Ventricular Systolic Function in Long-Term Survivors of Allogeneic Hematopoietic Stem Cell Transplantation. <i>JACC: CardioOncology</i> , 2020, 2, 460-471.	4.0	10
49	Relationship of Mechanical Dyssynchrony and LV Remodeling With Improvement of Mitral Regurgitation After CRT. <i>JACC: Cardiovascular Imaging</i> , 2022, 15, 212-220.	5.3	10
50	The Effect of Rosuvastatin on Inflammation, Matrix Turnover and Left Ventricular Remodeling in Dilated Cardiomyopathy: A Randomized, Controlled Trial. <i>PLoS ONE</i> , 2014, 9, e89732.	2.5	9
51	Increased Complement Factor B and Bb Levels Are Associated with Mortality in Patients with Severe Aortic Stenosis. <i>Journal of Immunology</i> , 2019, 203, 1973-1980.	0.8	8
52	Transcatheter Aortic Valve Implantation and Intraoperative Left Ventricular Function: A Myocardial Tissue Doppler Imaging Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2015, 29, 115-120.	1.3	7
53	Results of comprehensive diagnostic work-up in "idiopathic" dilated cardiomyopathy. <i>Open Heart</i> , 2015, 2, e000271.	2.3	7
54	The impact of cisplatin-based chemotherapy on ventricular function and cardiovascular risk factors in female survivors after malignant germ cell cancer. <i>ESC Heart Failure</i> , 2015, 2, 142-149.	3.1	6

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55	Cardiac Function in Adult Patients with Juvenile Idiopathic Arthritis. <i>Journal of Rheumatology</i> , 2015, 42, 1716-1723.	2.0	6
56	Intraoperative improvement in left ventricular peak systolic velocity predicts better short-term outcome after transcatheter aortic valve implantation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 5-12.	1.1	6
57	Arterial properties in adults with long-lasting active juvenile idiopathic arthritis compared to healthy controls. <i>Pediatric Rheumatology</i> , 2018, 16, 85.	2.1	6
58	Treatment of sleep apnea in patients with paroxysmal atrial fibrillation: design and rationale of a randomized controlled trial. <i>Scandinavian Cardiovascular Journal</i> , 2018, 52, 372-377.	1.2	6
59	Perfusion MRI at rest in subacute and chronic myocardial infarct. <i>Acta Radiologica</i> , 2013, 54, 401-411.	1.1	4
60	The association of mechanical dyssynchrony and resynchronization therapy with survival in heart failure with a wide QRS complex: a two-world study. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1507-1514.	1.5	3
61	Impaired right ventricular function in long-term survivors of allogeneic haematopoietic stem-cell transplantation. <i>Open Heart</i> , 2021, 8, e001768.	2.3	3
62	Long-term outcomes after transcatheter aortic valve implantation: the impact of intraoperative tissue Doppler echocardiography. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 23, 403-409.	1.1	2
63	Basal Strain Estimation in Transesophageal Echocardiography (TEE) using Deep Learning based Unsupervised Deformable Image Registration. , 2019, , .		2
64	Clinical and Echocardiographic Parameters Predicting 1- and 2-Year Mortality After Transcatheter Aortic Valve Implantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 739710.	2.4	2
65	Determinants and Outcome of Decision Making Among Patients with Severe Aortic Stenosis. <i>Journal of Heart Valve Disease</i> , 2017, 26, 413-422.	0.5	1